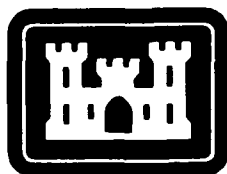


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# WATERBORNE COMMERCE OF THE UNITED STATES

*Calendar Year* 1987

PART 5  
NATIONAL SUMMARIES



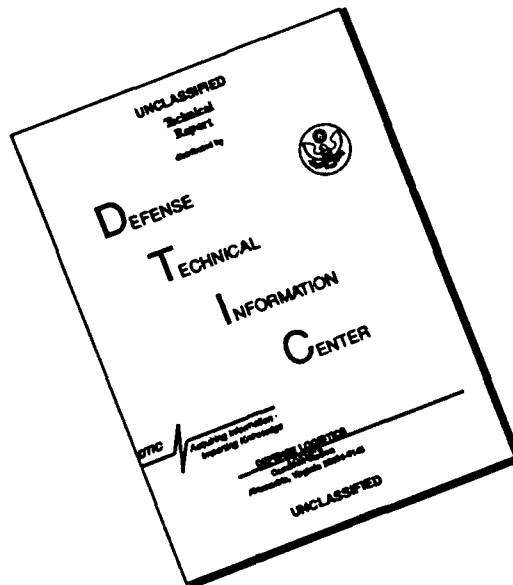
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# **WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR 1987**

## **PART 5 NATIONAL SUMMARIES**

COMPILED UNDER THE SUPERVISION OF  
THE WATER RESOURCES SUPPORT CENTER  
U.S. ARMY CORPS OF ENGINEERS  
FORT BELVOIR, VIRGINIA

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This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1987. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

#### Area

- Part 1. -Atlantic Coast;
- Part 2. Gulf Coast, Mississippi River System, and Antilles;
- Part 3. Great Lakes;
- Part 4. Pacific Coast, Alaska, and Hawaii;
- Part 5. Waterborne Commerce of the United States (National Summaries).

Both the foreign and domestic commerce moved on the United States waters are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the Rivers and Harbors Act of September 22, 1922; as amended by Section 919 of the 1986 Water Resources Development Act.

Section 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of \$5,000 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1987 but not reported to the Corps of Engineers until after 28 February 1988 will be included in the next year's, 1988, statistics rather than in this publication, while reports of movements completed in 1986 but reported to the Corps after 28 February 1987 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items."

The 1987 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1987 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

Combination of the net domestic traffic (originating commodity movements) with the foreign traffic (imports and exports) provides the net total tons of the waterborne commerce of the United States. In summarizing the domestic commerce to obtain the net lading of rail cars moved on car-ferries; cargo on general ferries; Government materials moved by water in connection with waterway improvements and maintenance; and coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel were excluded. (There are certain, so-called car-ferry operations which are not considered in the ferry category; rail-car carriers on the Great Lakes which operate under Part III of the Interstate Commerce Act; and rail-car carriers between points in the contiguous 48 States or in Canada on the one hand and Alaska on the other.)

# VIII

## Waterborne Commerce of the United States, 1987

For Parts 1 through 4, and Section 1 of Part 5, ton-mileage data are computed by the Corps of Engineers to reflect movements on rivers, inland waterways, and waters of the Great Lakes System only. Cargoes of deep-sea vessels - both in the foreign and domestic trades - are included only for that portion of the voyage that occurred on inland rivers, canals, or connecting channels. Thus, for a movement of commodities from Boston, Massachusetts, to New Orleans, Louisiana, ton-miles are computed for the haul on the Cape Cod Canal - if this canal was transited during the trip - and for the haul on the Mississippi River, the carriage on the ocean and Gulf of Mexico is not taken into account. In Section 3 of Part 5, ton-mileage data are based on the entire haul for the domestic traffic.

### TERMS FOR KIND OF TRAFFIC

Imports and exports. These terms apply to traffic between the United States and Foreign ports, including the Canal Zone. Traffic of U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise receipts and shipments. These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are considered internal bodies of water rather than arms of the ocean and therefore, traffic confined to these areas is "internal" rather than "coastwise."

Lakewise receipts and shipments. These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal receipts and shipments. These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important arms thereof; and movements between offshore installations and inland waterways.

Local. Movements of freight within the confines of a port whether the port has only one or several arms or channels, except car-ferry and general ferry, are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments. These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A. which are considered as a single unit.

SECTION 2 of this publication presents on an area-to-area basis the tonnages of principal commodities transported by vessels in the domestic inland waterway trade of the United States. For each commodity, the total for the United States (total of all shipping areas), the total shipped from each shipping area, and the total from each shipping area to each receiving area (destination) are shown in the tables. The origin and destination areas are defined in terms of waterways, incorporating minor tributaries, and in some instances, major ports, which are not susceptible to inclusion in a single waterway. The area designations are designed to avoid disclosure of individual company operations.

These data cover those movements confined to the inland waterways and between the inland waterways and United States ports on the Great Lakes, they combine the totals of internal and local types of traffic as defined above. Collectively, the selected commodities included account for 75.7 percent of the total domestic inland traffic.

SECTION 3 presents the performance of the water carrier industry in terms of ton-miles on a type of service basis and provides detailed data on types of traffic and commodities transported in the domestic trades, also in terms of ton-miles during 1987. Water carriage ton-miles were first compiled and published for 1962. However, somewhat comparable data were released for 1961. The 1961 compilations were made on a carrier (ICC regulated and exempt) basis rather than by type of service; regulated carriers may engage in more than one type of service.

Preparation and publication of these data were sponsored by the Office of Statistical Policy, Office of Management and Budget, in response to numerous requests received from congressional, federal and private agencies.

Ton-miles were computed by the Corps of Engineers based on origin/destination of commodity tonnages reported by vessel operators on Office of Management and Budget approved ENG Form 3925 and related forms; these forms were submitted to the Corps for the compilation of port and waterway statistics published in Parts 1 to 5 of "Waterborne Commerce of the United States." Distance factors used are in statute miles and, for the Coastwise trade, represent mileage on the shortest route that safe navigation permits between ports of origin and destination. The factors for this trade were developed from United States Coast and Geodetic Surveys, "Distance Between United States Ports," and United States Navy Hydrographic Offices, "Table of Distances Between Ports." For rivers and inland waterways, distance factors were developed from waterway survey maps and records of the Corps of Engineers and are based on the actual routes reported by vessel operators on the reporting forms.

Type of service (carriage) is based on information supplied by vessel operators on the reporting forms, which were modified for the 1962 statistics to obtain this information. Categories of service are: (1) Regulated, which is common and contract carriage subject to economic regulation by the Interstate Commerce Commission. (2) Exempt, for hire, carriage which is exempt from regulation by the Commission because of specific provisions in Part III, Interstate Commerce Act. (3) Private, which represents the movement of the property of the water carrier in the vessels it operates; this category is also exempt from regulation by the Commission.

The commodities are listed in terms of the Commodity Classification for Domestic Waterborne Commerce used in all 5 parts of the Corps of Engineers' annual publication, "Waterborne Commerce of the United States." Types of traffic are also the same as those reported and defined above. Both traffic and commodity ton-miles in this section bear a direct relationship to the corresponding tonnages reported in Table 2 of Section 1, consequently, the ton-mile data herein are based on the same February 28 cutoff date used in the compilation of the tonnage data.

Total ton-miles for all types of traffic shown in Table 1 of this section are considerably higher than the total shown in Table 6 of Section 1. The difference is entirely in Coastwise traffic, since the total distance, both inland and ocean, was used in developing data presented in this section, whereas only the inland portion is included in tables comprising Section 1. Both of these tables include ton-miles for the foreign trade of the U.S. in U.S. flag as well as foreign flag vessels; however, the computation is limited to the distance transported on the Great Lakes between the head of the Lakes at Duluth/Superior and the international boundary at St. Regis, Quebec, Canada, and on the inland waterways of the U.S. and the entrance channels to U.S. coastal ports; this foreign traffic is not subject to economic regulation by the Interstate Commerce Commission.

All totals of both columns and rows, all averages, and all percentages are based on figures before rounding to thousands. Hence, slight differences appear between the totals shown in the sum of the rounded figures in columns and rows, in the percentages, and in the average hauls when compared with the quotients derived by dividing the ton-miles by the rounded or unrounded tons shown in either this section or in Section 1.



## COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 20-Food and Kindred Products	
0101	Cotton, raw	2034	Vegetables and preparations, canned and otherwise prepared and preserved
0102	Barley and rye	2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
0103	Corn	2041	wheat flour and semolina
0104	Oats	2042	Animal feeds
0105	Rice	2049	Grain mill products, not elsewhere classified
0106	Sorghum Grains	2061	Sugar
0107	wheat	2062	Molasses
0111	Soybeans	2081	Alcoholic beverages
0112	Flaxseed	2091	Vegetable oils, all grades; margarine and shortening
0119	Oilseeds, not elsewhere classified	2092	Animal oils and fats, not elsewhere classified, including marine
0121	Tobacco, leaf	2094	Groceries
0122	Hay and Fodder	2095	Ice
0129	Field crops, not elsewhere classified	2099	Miscellaneous food products
0131	Fresh fruits		
0132	Bananas and plantains	Group 21-Tobacco Products	
0133	Coffee, green and roasted (including instant)	2111	Tobacco manufactures
0134	Cocoa beans	Group 22-Basic Textiles	
0141	Fresh and frozen vegetables	2211	Basic textile products, except textile fibers
0151	Live animals (livestock) except swine, animals, cats, dogs, etc.	2212	Textile fibers not elsewhere classified
0161	Animals and animal products, not elsewhere classified	Group 23-Apparel and Other Finished Textile Products Including Knit	
0191	Miscellaneous farm products	2311	Apparel and other finished textile products, including knit
Group 08-Forest Products		Group 24-Lumber and Wood Products Except Furniture	
0841	Crude rubber and allied gums	2411	Logs
0861	Forest products, not elsewhere classified	2412	Hafted logs
Group 09-Fresh Fish and Other Marine Products		2413	Fuel wood, charcoal, and wastes
0911	Fresh fish, except shellfish	2414	Timber, posts, poles, piling, and other wood in the rough
0912	Shellfish, except prepared or preserved	2415	Pulpwood, log
0913	Menhaden	2416	Wood chips, staves, moldings, and excelsior
0931	Marine shells, unmanufactured	2421	Lumber
Group 10-Metallic Ores		2431	Veneer, plywood, and other worked wood
1011	Iron ore and concentrates	2491	Wood manufactures, not elsewhere classified
1021	Copper ore and concentrates	Group 25-Furniture and Fixtures	
1051	Bauxite and other aluminum ores and concentrates	2511	Furniture and fixtures
1061	Manganese ores and concentrates	Group 26-Pulp, Paper and Allied Products	
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2611	Pulp
Group 11-Coal		2621	Standard newsprint paper
1121	Coal and lignite	2631	Paper and paperboard
Group 13-Crude Petroleum		2691	Pulp, paper and paperboard products, not elsewhere classified
1311	Crude petroleum	Group 27-Printed Matter	
Group 14-Nonmetallic Minerals, Except Fuels		2711	Printed matter
1411	Limestone flux and calcareous stone	Group 28-Chemicals and Allied Products	
1412	Building stone, unworked	2810	Sodium hydroxide (caustic soda)
1442	Sand, gravel and crushed rock	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
1451	Clay, ceramic and refractory materials	2812	Dyes, organic pigment, dyeing and tanning materials
1471	Phosphate rock	2813	Alcohols
1479	Natural fertilizer materials, not elsewhere classified	2816	Radioactive and associated materials, including wastes
1491	Salt	2817	Benzene and toluene, crude and commercially pure
1492	Sulphur, dry	2818	Sulphuric acid
1493	Sulphur, liquid	2819	Basic chemicals and basic chemical products, not elsewhere classified
1494	Gypsum, crude and plasters	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2822	Synthetic rubber
Group 19-Ordnance and Accessories		2823	Synthetic (man-made) fiber
1911	Ordnance and accessories	2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
Group 20-Food and Kindred Products		2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
2011	Meat, fresh, chilled, or frozen	2851	Paints, varnishes, lacquers, enamels, and allied products
2012	Meat and meat products prepared or preserved, including canned meat products	2861	Gum and wood chemicals
2014	Tallow, animal fats and oils	2871	Nitrogenous chemical fertilizers, except mixtures
2015	Animal by-products, not elsewhere classified	2872	Potassic chemical fertilizers, except mixtures
2021	Dairy products, except dried milk and cream	2873	Phosphatic chemical fertilizers, except mixtures
2022	Dried milk and cream		
2031	Fish and fish products, including shellfish, prepared or preserved		

Code No.	Item Name	Code No.	Item Name
Group 28-Chemicals and Allied Products		Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment	
2876	Insecticides, fungicides, pesticides, and disinfectants	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
2879	Fertilizers and fertilizer materials, not elsewhere classified	Group 35-Machinery, Except Electrical	
2891	Miscellaneous chemical products	3511	Machinery, except electrical
Group 29-Petroleum and Coal Products		Group 36-Electrical Machinery, Equipment and Supplies	
2911	Gasoline, including natural gasoline	3611	Electrical machinery equipment and supplies
2912	Jet fuel	Group 37-Transportation Equipment	
2913	Kerosene	3711	Motor vehicles, parts and equipment
2914	Distillate fuel oil	3721	Aircraft and parts
2915	Residual fuel oil	3731	Ships and boats
2916	Lubricating oils and greases	3791	Miscellaneous transportation equipment
2917	Naphtha, mineral spirits, solvents, not elsewhere classified	Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks	
2918	Asphalt, tar, and pitches	3811	Instruments, photographic and optical goods, watches and clocks
2920	Coke, including petroleum coke	Group 39-Miscellaneous Products of Manufacturing	
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids	3911	Miscellaneous products of manufacturing
2951	Asphalt building materials	Group 40-Waste and Scrap Materials	
2991	Petroleum and coal products, not elsewhere classified	4011	Iron and steel scrap
Group 30-Rubber and Miscellaneous Plastic Products		4012	Nonferrous metal scrap
3011	Rubber and miscellaneous plastic products	4022	Textile waste, scrap, and sweepings
Group 31-Leather and Leather Products		4024	Paper waste and scrap
3111	Leather and leather products	4029	Waste and scrap, not elsewhere classified
Group 32-Stone, Clay, Glass and Concrete Products		Group 41-Special Items	
3211	Glass and glass products	4111	Water
3241	Building cement	4112	Miscellaneous shipments not identifiable by commodity
3251	Structural clay products, including refractories	4113	LCL freight
3271	Lime	4118	Materials used in waterway improvement, Government materials
3281	Cut stone and stone products	4119	Empty containers
3291	Miscellaneous nonmetallic mineral products	9999*	Department of Defense controlled cargo and special category items
Group 33-Primary Metal Products		*Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers.	
3311	Pig iron		
3312	Slag		
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents		
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron		
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling		
3316	Iron and steel plates and sheets		
3317	Iron and steel pipe and tube		
3318	Ferroalloys		
3319	Primary iron and steel products, not elsewhere classified including castings in the rough		
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum		
3322	Copper and copper alloys, whether or not refined, unworked		
3323	Lead and zinc including alloys, unworked		
3324	Aluminum and aluminum alloys, unworked		

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Section 1  
NATIONAL SUMMARIES

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# SUMMARY

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## PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE Millions of Tons

	Total Commerce Foreign & Domestic		Foreign Commerce		Domestic Commerce	
	<u>1987</u>	<u>% Change</u>	<u>1987</u>	<u>% Change</u>	<u>1987</u>	<u>% Change</u>
Chemicals	138.4	+ 7.2	68.2	+ 7.6	70.2	+ 6.8
Coal and coke	293.4	- 4.4	97.8	- 7.1	195.6	- 3.0
Grains	135.1	+33.6	89.0	+36.1	46.1	+29.1
Iron Ore, iron and steel	110.1	+ 4.1	50.5	- 4.0	59.6	+12.0
Logs and Lumber	55.2	+ 7.2	32.4	+12.9	22.8	0
Petroleum and products	825.6	+ 4.2	350.3	+ 6.0	475.3	+ 2.9
Sand, gravel and stone	101.6	8.7	9.7	+16.9	91.9	+ 7.9
All other commodities	308.1	+ 4.8	193.1	+ 5.6	115.0	+ 3.5
<b>TOTAL TONNAGE</b>	1967.5	+ 5.0	391.0	+ 6.4	1076.5	+ 3.8

### Commodity codes included in each group are given below:

Chemicals - 1471, 1479, 2810-2813, 2816-2819, 2821, 2831, 2841, 2851, 2861, 2871-2873, 2876, 2879 & 2891.

Coal and Coke - 1121, 3313 & 2910.

Grains - 0102-0107.

Iron Ore, Iron and Steel - 1011, 3311, 3314-3317, 3319 & 4011.

Logs and Lumber - 0861, 2411-2416, 2421, 2431 & 2491.

Petroleum and Products - 1311, 2911-2918, 2921 & 2991.

Sand, Gravel and Stone - 1411, 1412, 1442 & 3281.

All other commodities - All other codes.

**TOTAL UNITED STATES WATERBORNE TRAFFIC**  
**Millions of Tons**

<u>CATEGORY</u>	<u>1986</u>	<u>1987</u>	<u>% Change</u>
GRAND TOTAL Tons	1874.4	1967.5	+ 5.0
TOTAL Domestic Tons	1037.2	1076.5	+ 3.8
Coastwise	308.0	323.5	+ 5.0
Lakewise	87.4	96.5	+10.4
Internal	560.5	569.8*	+ 1.7
Local	77.4	82.0	+ 5.9
Intraterritory	4.0	4.7	+17.5
TOTAL Foreign Tons	837.2	891.0	+ 6.4
Imports	486.1	507.7	+ 4.4
Exports	351.2	383.3	+ 9.1

**Billions of Ton-Miles**

GRAND TOTAL Ton-Miles	944.9	968.4	+ 2.5
TOTAL Domestic Ton-Miles	873.4	895.4	+ 2.5
Coastwise	580.9	586.8	+ 1.0
Lakewise	43.2	50.1	+16.0
Internal	248.1	257.3	+ 3.7
Local	1.2	1.2	0
TOTAL Foreign Ton-Miles	71.5	73.0	+ 2.1

**SUMMARY OF BARGE TRAFFIC**  
**Millions of Tons**

<u>TRAFFIC</u>	<u>1986</u>	<u>1987</u>	<u>% Change</u>
Coastwise	87.4	87.5	+ 0.1
Lakewise	4.2	4.0	- 4.8
Internal	532.1	542.8	+ 2.0
Local	69.5	74.5	+ 7.2
Intraterritory	3.8	4.6	+21.1
TOTAL	697.2	713.4	+ 2.3

\* All-time high

# NATIONAL SUMMARIES

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TABLE 1--NET TOTAL WATERBORNE COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1987  
(IN TONS OF 2,000 POUNDS)

YEAR	FOREIGN AND DOMESTIC TOTAL	FOREIGN TOTAL	DOMESTIC TOTAL
1947	766,816,730	188,256,115	578,560,615
1948	793,200,465	162,971,591	630,228,874
1949	740,720,371	165,358,281	575,362,090
1950	820,583,571	169,224,695	651,358,876
1951	924,128,411	232,055,832	692,072,579
1952	887,721,984	227,326,277	660,395,707
1953	923,547,693	217,396,489	706,151,204
1954	867,640,207	213,444,290	653,795,917
1955	1,016,135,785	271,102,937	745,032,848
1956	1,092,912,924	326,689,789	766,223,135
1957	1,131,401,434	358,539,550	772,861,884
1958	1,004,515,776	308,850,794	695,664,979
1959	1,052,402,102	325,669,939	726,732,163
1960	1,099,850,431	339,277,275	760,573,156
1961	1,062,155,182	329,329,818	732,825,364
1962	1,129,404,375	358,599,030	770,805,345
1963	1,173,766,964	385,658,999	788,107,965
1964	1,238,093,573	421,925,133	816,168,440
1965	1,272,496,243	443,726,409	829,169,834
1966	1,334,116,078	471,391,083	862,724,995
1967	1,336,606,078	465,972,232	870,633,846
1968	1,395,639,450	507,950,008	887,689,442
1969	1,448,711,541	521,312,362	927,399,179
1970	1,531,696,507	580,969,133	950,727,374
1971	1,512,583,690	565,965,584	946,618,106
1972	1,618,792,605	629,980,844	988,811,761
1973	1,761,552,310	767,393,903	994,158,407
1974	1,746,788,544	764,088,905	982,699,639
1975	1,695,038,366	748,707,407	946,330,959
1976	1,835,006,819	855,963,909	979,042,910
1977	1,908,223,619	935,256,813	972,966,806
1978	2,021,349,754	946,057,889	1,075,291,865
1979	2,073,757,628	993,444,963	1,080,312,665
1980	1,998,887,402	921,400,000	1,077,487,402
1981	1,941,558,947	887,102,150	1,054,456,797
1982	1,776,740,579	819,730,983	957,009,596
1983	1,707,661,011	751,140,194	956,520,817
1984	1,836,020,619	803,338,133	1,032,682,486
1985	1,788,434,822	774,323,283	1,014,111,539
1986	1,874,416,280	817,223,503	1,057,192,777
1987	1,967,458,261	890,980,045	1,076,478,216

TABLE 1A--FOREIGN COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1987  
(IN TONS OF 2,000 POUNDS)

YEAR	IMPORTS				EXPORTS				
	TOTAL	COASTAL PORTS	GREAT LAKES PORTS		TOTAL	COASTAL PORTS	GREAT LAKES PORTS		
			CANADIAN	OVERSEAS			CANADIAN	OVERSEAS	OTHER*
1947	62,162,169	57,365,892	4,773,223	23,054	126,093,946	101,945,508	24,054,718	43,720	-----
1948	72,297,097	68,677,704	4,172,628	46,765	90,674,494	65,403,800	25,227,288	43,406	-----
1949	81,992,016	77,153,266	4,774,784	63,966	83,366,265	65,739,775	17,552,872	73,618	-----
1950	101,981,918	96,299,288	5,555,427	127,203	67,242,777	43,640,100	23,498,355	84,474	19,488
1951	108,747,297	101,812,769	6,827,294	107,234	123,308,535	97,602,937	25,573,518	103,667	28,413
1952	115,761,025	108,674,301	7,152,087	134,637	111,365,252	85,072,313	26,129,081	114,679	49,179
1953	127,981,407	120,594,892	7,056,629	329,886	89,415,082	63,780,288	25,415,354	160,663	58,777
1954	129,423,809	123,503,218	5,748,884	171,707	84,420,461	65,243,997	18,928,696	209,587	38,201
1955	152,556,947	144,276,212	6,434,125	246,610	118,145,985	95,404,261	22,399,779	288,371	53,574
1956	174,214,360	163,348,893	10,572,643	292,824	152,475,429	126,448,189	25,710,863	281,334	35,043
1957	186,351,843	176,235,956	9,885,526	230,361	177,187,707	146,889,737	24,983,574	288,273	26,123
1958	189,484,551	181,480,343	7,656,590	347,618	119,366,247	101,554,806	17,429,825	360,159	21,457
1959	213,485,323	198,607,603	13,794,435	1,063,285	112,184,616	91,629,487	17,700,427	2,833,118	21,584
1960	211,316,497	198,465,746	11,973,635	877,116	127,960,778	104,810,455	19,168,514	3,981,809	-----
1961	200,165,652	188,179,228	11,007,197	979,227	129,164,166	105,959,031	18,801,857	4,403,278	-----
1962	222,689,941	207,040,920	14,487,847	1,161,174	135,909,089	110,492,248	20,484,581	4,932,260	-----
1963	227,375,671	209,369,531	16,495,342	1,510,798	158,283,328	129,781,571	24,455,139	4,046,618	-----
1964	248,585,715	224,433,206	22,118,397	2,034,112	173,339,418	142,874,452	24,866,892	5,598,074	-----
1965	269,834,819	244,674,087	21,059,701	3,901,031	173,891,990	142,121,011	25,692,770	6,078,209	-----
1966	283,847,300	257,173,478	22,585,271	4,088,551	187,543,783	155,759,371	24,905,662	6,878,750	-----
1967	275,965,191	248,245,275	23,269,404	4,450,512	190,007,047	162,443,124	21,896,595	5,667,328	-----
1968	310,936,331	278,826,933	25,658,847	6,450,551	197,013,671	166,579,691	24,444,154	5,886,826	-----
1969	320,293,084	295,647,991	19,770,247	4,874,846	201,019,278	168,944,254	25,235,730	6,839,294	-----
1970	339,339,772	312,933,583	21,820,193	4,585,996	241,629,361	205,697,712	29,146,465	6,785,184	-----
1971	359,745,840	333,776,713	19,104,708	6,864,419	206,239,744	172,758,807	24,757,317	8,723,620	-----
1972	397,565,612	372,417,770	18,861,084	6,286,758	232,415,232	197,430,445	26,352,496	9,632,291	-----
1973	490,988,015	461,828,145	22,988,904	5,270,966	277,305,888	238,807,467	28,435,708	10,062,713	-----
1974	497,282,811	473,940,012	19,027,376	4,315,423	266,806,094	238,686,754	23,342,970	4,776,370	-----
1975	476,572,516	455,117,218	18,121,866	3,333,432	277,134,891	236,707,996	28,707,321	6,719,574	-----
1976	570,318,893	539,674,048	25,645,508	4,799,339	285,645,016	250,632,688	28,050,680	6,961,680	-----
1977	658,136,893	625,308,679	25,416,264	7,411,950	277,119,920	240,764,157	27,741,857	6,593,906	-----
1978	603,186,863	616,140,827	19,916,819	7,129,217	302,871,026	259,316,657	30,961,456	12,592,913	-----
1979	632,995,657	607,898,526	19,450,918	5,646,213	360,449,306	311,786,293	37,964,841	10,690,172	-----
1980	517,521,121	502,005,866	13,414,205	2,101,050	403,882,879	358,805,981	37,116,588	7,860,310	-----
1981	477,191,504	457,467,479	16,794,705	2,929,320	409,910,646	366,424,418	36,976,771	6,509,457	-----
1982	416,621,434	402,511,218	11,541,473	2,568,743	403,109,549	366,825,117	29,701,691	6,582,471	-----
1983	387,847,325	371,773,135	13,080,460	2,993,730	363,292,869	330,955,677	26,794,890	5,542,302	-----
1984	427,139,571	409,495,162	12,922,699	4,921,710	376,198,562	335,269,229	32,288,050	6,643,283	-----
1985	412,687,350	395,577,007	11,916,969	5,193,374	361,635,933	327,425,824	27,727,141	6,482,968	-----
1986	486,073,464	472,230,980	9,597,544	4,244,940	351,150,039	319,163,161	25,248,148	6,736,734	-----
1987	507,704,274	493,828,162	10,040,313	3,635,779	383,275,771	351,226,492	26,766,116	5,283,163	-----

\* DEPARTMENT OF DEFENSE CONTROLLED CARGO AND SPECIAL CATEGORY COMMODITIES FOR WHICH BREAKDOWN BY CANADIAN AND OVERSEAS IS NOT AVAILABLE PRIOR TO 1960.

## Waterborne Commerce of the United States, 1987

TABLE 18--DOMESTIC COMMERCE OF THE UNITED STATES, CALENDAR YEAR 1947-1987

(IN TONS OF 2,000 POUNDS)

YEAR	TOTAL	COASTWISE	LAKELIKE	INTERNAL	INTRAPORT	LOCAL	INTRATERRITORY
1947	578,560,615	153,098,204	163,180,337	149,614,401	57,417,575	55,257,098	*
1948	630,228,874	174,080,850	172,490,721	169,697,866	58,944,696	55,014,741	*
1949	575,362,690	161,430,662	145,591,636	165,702,829	48,323,356	54,314,207	*
1950	651,358,876	182,543,761	169,880,810	190,788,910	51,703,560	55,202,362	1,239,473
1951	692,072,579	186,759,124	178,463,212	213,404,964	50,952,725	61,075,892	1,416,662
1952	660,395,707	184,207,006	154,112,031	216,644,384	49,182,353	54,790,101	1,459,832
1953	706,151,204	188,757,641	188,621,385	224,957,446	47,902,038	54,659,693	1,252,999
1954	653,795,917	187,239,830	145,364,709	217,061,457	48,040,411	54,678,958	1,410,952
1955	745,032,853	195,717,548	184,808,588	249,693,298	52,900,516	59,962,096	1,950,807
1956	766,223,135	225,910,228	173,990,656	269,734,055	53,064,701	61,298,859	2,224,636
1957	772,861,884	196,418,553	182,150,309	281,065,531	50,188,261	60,636,183	2,403,047
1958	695,664,978	194,050,174	132,288,549	261,068,849	48,882,176	56,542,798	2,832,432
1959	726,732,163	205,509,011	131,220,380	282,266,792	49,683,204	57,063,392	**987,384
1960	760,573,156	209,196,823	155,109,237	291,056,655	49,471,054	54,722,392	1,016,995
1961	732,825,364	206,899,377	136,841,146	294,052,123	43,197,871	50,731,199	1,103,648
1962	770,805,345	215,460,882	135,743,781	316,061,877	47,918,437	50,358,792	1,261,576
1963	788,107,965	213,853,293	141,741,152	331,902,484	45,575,094	53,405,530	1,630,412
1964	816,168,440	205,667,985	151,404,618	357,916,216	43,007,165	56,572,257	1,580,199
1965	829,169,434	201,508,107	153,695,242	369,615,461	***	102,865,022	1,485,602
1966	862,724,995	208,374,966	164,036,995	389,851,631	***	99,214,579	1,246,824
1967	870,633,840	214,646,527	153,596,664	398,592,679	***	102,320,054	1,477,896
1968	887,869,448	214,250,535	151,115,936	430,174,303	***	90,730,336	1,618,336
1969	927,399,179	216,707,773	160,843,835	460,944,875	***	97,536,483	1,366,213
1970	950,727,374	238,440,385	157,058,867	472,123,417	***	61,474,805	1,629,900
1971	946,598,106	242,916,056	140,954,956	479,217,765	***	81,252,652	2,256,677
1972	946,811,761	242,660,087	145,013,420	506,989,242	***	90,266,095	1,882,917
1973	994,158,107	236,794,660	156,620,831	503,236,890	***	93,222,623	4,263,103
1974	982,699,639	233,358,124	146,067,270	511,021,978	***	88,197,576	4,054,691
1975	946,326,959	231,932,437	129,331,161	503,932,258	***	78,279,224	2,851,874
1976	979,042,910	236,278,624	132,112,775	523,972,573	***	83,731,092	2,947,846
1977	972,966,806	248,083,336	109,079,945	528,704,658	***	83,444,472	3,654,395
1978	1,075,291,865	305,342,824	142,662,552	534,508,943	***	89,506,584	3,270,962
1979	1,080,312,665	304,665,522	143,563,644	534,969,167	***	93,113,665	4,000,667
1980	1,077,463,402	329,608,613	115,124,231	534,979,027	***	94,143,696	3,567,835
1981	1,054,456,797	321,989,988	115,418,165	520,668,720	***	95,249,873	3,130,051
1982	957,009,596	311,058,264	72,084,986	495,453,486	***	75,601,691	2,811,169
1983	956,520,817	309,636,759	83,446,947	487,132,248	***	73,144,961	3,100,002
1984	1,032,682,486	307,652,127	98,010,499	542,502,695	***	81,110,880	3,406,285
1985	1,014,111,539	309,801,605	91,987,003	534,658,233	***	74,263,246	3,401,452
1986	1,037,192,777	308,024,669	87,352,525	560,499,024	***	77,357,617	3,958,942
1987	1,076,478,216	323,518,316	96,463,652	569,826,970	***	81,951,080	4,698,196

\* INCLUDED IN OTHER TYPES OF DOMESTIC TRAFFIC.

\*\* BEGINNING WITH 1959 EXCLUDES TRAFFIC WITHIN THE STATES OF ALASKA AND HAWAII. SUCH TRAFFIC IS INCLUDED IN OTHER DOMESTIC TRAFFIC CATEGORIES IN ACCORDANCE WITH DEFINITIONS APPLICABLE TO CONTINENTAL UNITED STATES.

\*\*\* INCLUDED IN LOCAL.

## NATIONAL SUMMARIES

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TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1987  
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		TOTAL	DOMESTIC				INTRA-TERRITORY
		IMPORTS	EXPORTS		COASTWISE	LAKEWISE	INTERNAL	LOCAL	
TOTAL, ALL COMMODITIES-----	1,967,459,861	507,704,274	303,275,771	1,076,479,816	323,518,318	96,483,652	569,828,570	81,951,080	4,698,196
FARM PRODUCTS									
0101 COTTON, RAW-----	1,521,520	933	1,512,699	7,888	3,378	-----	4,510	-----	-----
0102 BARLEY AND RYE-----	4,177,013	61,924	3,349,875	765,214	111	-----	765,103	-----	-----
0103 CORN-----	75,024,114	31,166	43,646,975	31,345,953	165,203	-----	31,179,206	1,484	-----
0104 OATS-----	590,768	372,144	4,369	214,255	3,526	-----	210,729	-----	-----
0105 RICE-----	3,905,274	106,434	2,693,037	1,111,803	90,018	-----	1,021,785	-----	-----
0106 SORGHUM GRAINS-----	6,878,013	-----	4,909,709	1,968,304	4,195	-----	1,964,109	-----	-----
0107 WHEAT-----	44,478,046	54,414	33,751,957	10,671,675	216,353	589,021	9,857,143	15,158	-----
0111 SOYBEANS-----	41,228,434	37	23,145,479	18,082,918	3,446	-----	18,089,559	9,913	-----
0112 FLAXSEED-----	100	-----	-----	100	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	512,740	27,091	453,772	31,877	1,435	-----	30,442	-----	-----
0121 TOBACCO, LEAF-----	476,130	229,689	243,986	2,455	2,455	-----	-----	-----	-----
0122 HAY AND FODDER-----	28,368	-----	-----	28,368	3,685	-----	24,683	-----	-----
0129 FIELD CROPS, NEC-----	250,604	64,414	122,680	63,510	1,047	-----	52,355	108	-----
0131 FRESH FRUITS-----	1,815,656	168,254	1,289,306	358,096	357,728	368	-----	-----	2
0132 BANANAS AND PLANTAINS-----	3,540,217	3,528,501	1,467	12,229	12,229	-----	-----	-----	2
0133 COFFEE-----	1,315,908	1,202,611	58,449	54,848	54,848	-----	-----	-----	2
0134 COCOA BEANS-----	304,650	294,133	6,006	4,511	4,511	-----	-----	-----	2
0141 FRESH AND FROZEN VEGETABLES-----	1,256,942	205,433	702,920	346,589	325,518	927	22,144	-----	-----
0151 LIVE ANIMALS-----	84,300	260	12,247	71,793	71,793	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	276,409	127,259	128,264	20,886	18,650	-----	2,235	-----	1
0191 MISCELLANEOUS FARM PRODUCTS-----	92,975	45,566	24,113	23,296	20,609	2	2,674	-----	11
FOREST PRODUCTS									
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,229,458	1,213,021	15,366	1,071	1,071	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	292,038	150,414	37,892	103,732	16,594	-----	87,138	-----	-----
FRESH FISH & OTHER MARINE PRODUCTS									
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,776,149	599,465	279,555	897,129	71,294	173	822,574	2,048	1,040
0912 SHELLFISH, EXCEPT PREPARED-----	802,236	240,591	58,008	503,637	9,992	-----	445,981	47,664	-----
0913 MENHADEN-----	24	-----	-----	24	-----	-----	22	2	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	3,890,410	2,938	8,971	3,878,501	937	-----	3,877,162	402	-----
METALLIC ORES									
1011 IRON ORE AND CONCENTRATES-----	74,028,721	17,947,217	5,774,043	50,307,441	396	46,204,862	1,851,605	250,978	-----
1021 COPPER ORE AND CONCENTRATES-----	532,628	62	466,139	66,487	-----	-----	66,487	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	16,681,557	15,086,769	1,313,801	280,927	-----	-----	280,927	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	686,462	337,899	6,095	340,468	336	500	336,232	1,400	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	3,040,320	1,637,646	763,829	438,845	2,849	-----	435,996	-----	-----
COAL									
1121 COAL AND LIGNITE-----	271,340,997	1,311,257	79,402,989	190,626,751	11,230,386	17,763,871	157,868,406	3,764,088	-----
CRUDE PETROLEUM									
1311 CRUDE PETROLEUM-----	440,996,461	237,713,530	173,830	203,109,101	159,560,994	2,528	41,035,993	2,503,246	6,340
NONMETALLIC MINERALS, EXCEPT FUELS									
1411 LIMESTONE-----	30,583,367	627,257	3,137,396	26,816,714	2,882	21,234,747	5,571,164	9,921	-----
1412 BUILDING STONE, UNWORKED-----	45,883	-----	42,776	1,107	640	267	-----	-----	-----
1421 SAND, GRAVEL, CRUSHED ROCK-----	70,336,805	3,816,943	1,454,310	65,065,552	2,382,540	572,542	54,019,283	8,088,884	2,503
1451 CLAY-----	5,393,520	2,124,202	2,374,008	895,310	8,277	25,602	800,926	60,505	-----
1471 PHOSPHATE ROCK-----	16,138,825	548,964	9,091,330	6,498,531	6,444,023	-----	54,508	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	27,186	22,919	-----	4,269	-----	-----	4,269	-----	-----
1491 SALT-----	5,878,873	5,322,290	556,583	-----	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	2,332,146	-----	2,304,658	27,286	27,286	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	6,623,686	-----	-----	6,623,686	3,724,670	-----	2,899,062	89,954	-----
1498 GYPSUM, CRUDE AND PLASTERS-----	11,144,665	9,619,976	41,441	1,483,248	16,953	1,060,126	405,169	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	6,888,257	1,242,955	687,045	4,958,257	119,211	811,724	3,962,633	64,689	-----
ORDNANCE & ACCESSORIES									
1911 ORDNANCE AND ACCESSORIES-----	33,236	25,948	5,865	1,423	1,423	-----	-----	-----	-----
FOOD & KINDRED PRODUCTS									
2011 MEAT, FRESH, CHILLED, FROZEN-----	2,063,149	793,799	909,984	359,366	357,512	1,889	-----	-----	5
2012 MEAT AND PRODUCTS, NEC-----	395,667	300,561	30,241	64,865	64,862	-----	-----	-----	3
2014 TALLOW, ANIMAL FATS AND OILS-----	1,210,829	-----	1,143,878	66,951	10,216	-----	56,735	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	718,961	14,521	689,737	14,603	3,523	-----	11,080	-----	-----
2021 DAIRY PRODUCTS, NEC-----	256,466	189,257	26,567	61,342	60,255	1,077	-----	-----	-----
2022 DRIED MILK AND CREAM-----	425,491	49,308	349,732	27,411	27,411	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	314,647	349,914	63,904	401,029	396,154	-----	4,869	-----	6
2034 VEGETABLES AND PREP, NEC-----	1,256,822	786,157	186,330	284,335	270,369	897	13,069	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,152,285	2,611,093	436,319	511,673	511,595	-----	-----	-----	78
2041 WHEAT FLOUR AND SEMOLINA-----	1,484,535	-----	1,446,275	36,260	32,165	-----	4,095	-----	-----
2042 ANIMAL FEEDS-----	20,316,012	383,024	11,249,513	8,725,475	253,406	2,833	8,444,254	24,856	126
2049 GRAIN MILL PRODUCTS, NEC-----	11,900,063	262,074	6,512,273	5,125,716	72,055	-----	5,053,646	-----	13
2061 SUGAR-----	4,356,749	1,576,106	525,467	2,255,174	1,798,399	-----	456,775	-----	-----
2062 MOLASSES-----	2,297,559	1,091,237	365,641	860,481	176,142	-----	564,176	93,813	4,750
2081 ALCOHOLIC BEVERAGES-----	3,062,203	2,354,261	272,086	435,856	435,785	-----	51	-----	20
2091 VEGETABLE OILS, LONG, SHORT-----	3,928,285	1,331,143	1,353,222	1,243,920	86,530	-----	1,084,487	72,846	7
2092 ANIMAL OILS AND FATS, NEC-----	156,568	15,484	124,350	18,754	788	-----	11,062	6,806	-----
2096 GROCERIES-----	477,658	-----	-----	477,658	467,686	184	9,972	121	4,695
2095 ICE-----	344,745	238,484	1,008	104,653	176	81	103,718	676	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,983,452	1,008,769	1,344,023	1,590,660	1,361,930	13,860	206,969	4,800	1,101

\* SALT INCLUDED IN NONMETALLIC MINERALS, NEC, TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY OPERATIONS.



# Waterborne Commerce of the United States, 1987

TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1987--CONTINUED  
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC						
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY	
TOBACCO PRODUCTS										
2111 TOBACCO MANUFACTURES-----	229,587	7,596	198,287	23,700	23,704	-----	-----	-----	-----	-----
BASIC TEXTILES										
2211 BASIC TEXTILE PRODUCTS-----	1,892,207	1,275,790	546,232	70,185	46,371	-----	23,803	4	7	-----
2212 TEXTILE FIBERS, NEC-----	111,257	69,733	26,971	14,553	7,869	-----	6,684	-----	-----	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT										
2311 APPAREL-----	1,443,451	1,124,134	66,667	252,650	252,591	-----	7	-----	-----	52
LUMBER & WOOD PRODS., EXC. FURNITURE										
2411 LOGS-----	18,614,225	288,141	17,701,912	624,172	2,160	48	619,291	2,673	-----	-----
2412 RAFTED LOGS-----	13,391,228	-----	-----	13,391,224	3,150	-----	10,487,836	2,900,238	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	323,199	182,383	13,388	147,428	16,995	-----	130,433	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	97,301	6,386	48,112	62,893	22,812	2,680	14,158	3,193	-----	-----
2415 PULPMOOD, LOG-----	3,572,813	30,831	1,870	3,540,112	350	-----	3,532,762	7,000	-----	-----
2416 WOOD CHIPS, STAVES, MULDINGS-----	8,969,654	436,636	5,228,395	3,304,623	49	-----	3,259,954	48,620	-----	-----
2421 LUMBER-----	7,187,302	2,415,454	3,397,895	1,373,953	1,319,396	15,408	39,119	28	2	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,893,426	1,201,990	546,665	144,773	92,664	3,367	48,228	507	7	-----
2491 WOOD MANUFACTURES, NEC-----	892,578	377,538	340,960	174,080	164,277	1,034	7,804	944	1	-----
FURNITURE & FIXTURES										
2511 FURNITURE AND FIXTURES-----	1,437,256	1,153,060	65,257	218,939	218,079	8	92	-----	-----	760
PULP, PAPER & ALLIED PRODUCTS										
2611 PULP-----	5,893,346	606,421	4,582,173	704,752	69,015	23,471	612,266	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	2,576,994	2,039,955	465,237	71,802	10,495	21,279	40,028	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	6,096,421	1,919,532	3,554,674	622,215	146,641	84,090	391,066	409	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	1,713,175	162,539	177,948	1,372,688	374,133	-----	991,522	7,149	64	-----
PRINTED MATTER										
2711 PRINTED MATTER-----	290,715	193,886	75,559	21,270	21,270	-----	-----	-----	-----	-----
CHEMICALS & ALLIED PRODUCTS										
2810 SODIUM HYDROXIDE-----	5,696,842	-----	-----	5,696,842	1,211,602	9,473	4,257,229	238,038	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,322,171	480,574	358,000	1,483,597	52,973	23,069	1,268,062	139,493	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	22,908	-----	22,002	906	906	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	7,917,844	1,573,730	1,038,488	5,305,626	694,532	-----	3,902,981	708,113	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	17,981	9,220	6,292	2,469	1,125	-----	1,344	-----	-----	-----
2817 BENZENE AND TOLUENE-----	7,892,358	807,303	616,930	6,468,125	465,814	38,254	4,867,636	1,492,547	3,074	-----
2818 SULFURIC ACID-----	2,172,400	-----	-----	2,172,400	100,752	-----	1,539,105	532,540	-----	-----
2819 BASIC CHEMICALS AND PROD., NEC-----	57,423,868	14,681,030	15,368,578	27,374,260	4,793,408	79,998	20,360,919	2,139,931	4	-----
2821 PLASTIC MATERIALS-----	3,937,142	750,877	3,067,777	118,488	112,909	-----	5,578	-----	-----	-----
2822 SYNTHETIC RUBBER-----	481,634	13,322	396,725	71,587	12,998	-----	58,589	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	353,694	83,668	265,444	4,582	4,582	-----	-----	-----	-----	-----
2831 DRUGS-----	220,794	104,699	78,444	37,451	37,419	-----	-----	-----	-----	-----
2841 SOAP-----	708,730	153,035	406,896	148,799	142,909	-----	5,715	-----	-----	175
2851 PAINTS-----	597,400	476,321	89,494	31,385	31,224	-----	160	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	628,110	12,348	195,083	420,679	78,713	5,085	330,251	6,630	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	9,989,634	2,031,190	2,564,183	5,394,261	605,596	37,976	4,701,619	42,870	6,000	-----
2872 POTASSIC CHEM FERTILIZERS-----	6,000,274	2,325,370	2,104,229	1,570,475	135,391	20	1,417,633	17,631	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	2,080,827	54,357	1,319,284	707,186	192,808	-----	512,660	1,518	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	254,074	68,389	173,899	11,786	11,704	-----	82	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	12,055,499	66,375	5,899,378	6,089,746	1,054,603	-----	5,005,373	29,755	15	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2,343,550	497,383	1,197,461	648,706	272,825	-----	368,500	9,380	-----	-----
PETROLEUM & COAL PRODUCTS										
2911 GASOLINE-----	102,941,857	19,437,435	1,777,440	81,326,982	40,643,136	648,813	28,434,771	11,183,155	417,187	-----
2912 JET FUEL-----	14,853,390	3,021,546	1,473,810	10,358,034	5,219,494	25,969	4,384,615	365,187	362,744	-----
2913 KEROSENE-----	2,606,661	77,047	61,190	2,468,424	1,245,132	9,442	841,878	362,594	9,378	-----
2914 DISTILLATE FUEL OIL-----	73,439,380	12,442,854	4,281,073	56,715,453	24,463,670	381,400	18,874,432	12,167,681	828,270	-----
2915 RESIDUAL FUEL OIL-----	144,034,222	41,037,128	12,017,685	90,979,409	28,025,620	395,494	36,104,337	24,177,924	2,274,124	-----
2916 LUBRICATING OILS AND GREASES-----	9,518,525	1,466,639	2,195,692	5,854,194	2,765,506	47,377	2,751,227	290,084	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	13,636,581	5,947,835	147,703	7,541,043	1,611,517	1,400	4,092,789	1,192,682	642,655	-----
2918 ASPHALT, TAR, AND PITCHES-----	13,167,756	2,208,560	142,005	10,817,191	3,562,735	639,731	5,878,905	735,798	22	-----
2920 COKE, PETROLEUM COKE-----	22,043,754	1,144,031	15,908,572	4,995,151	89	285,875	4,275,830	433,357	-----	-----
2921 LIQUEFIED GASES-----	5,919,924	2,927,435	1,243,822	1,748,667	354,826	596	1,390,453	2,388	400	-----
2951 ASPHALT BUILDING MATERIALS-----	39,876	-----	16,970	22,706	22,687	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD., NEC-----	4,496,047	59,451	69,297	4,367,299	1,752,878	-----	2,255,227	359,194	-----	-----
RUBBER & MISC. PLASTIC PRODUCTS										
3011 RUBBER AND MISC PLASTIC PROD-----	2,468,714	1,927,952	358,712	182,050	169,928	11,899	169	-----	-----	58
LEATHER & LEATHER PRODUCTS										
3111 LEATHER AND LEATHER PRODUCTS-----	985,435	871,528	86,160	27,747	27,741	-----	-----	-----	-----	6
STONE, CLAY, GLASS, & CONCRETE PRO										
3211 GLASS AND GLASS PRODUCTS-----	827,768	492,882	294,500	40,386	34,499	-----	5,884	-----	-----	3
3241 BUILDING CEMENT-----	25,439,901	13,843,482	59,470	11,536,949	1,628,266	2,567,898	6,671,399	669,377	9	-----
3251 STRUCTURAL CLAY PRODUCTS-----	1,101,603	907,272	112,710	81,621	72,089	-----	9,525	-----	-----	7
3271 LIME-----	1,373,813	425	2,429	1,370,959	2,816	-----	1,368,143	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	637,891	601,725	17,402	18,764	17,359	-----	1,405	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1,431,157	835,290	267,321	328,546	166,192	1,041	148,237	6,620	8,655	-----

## NATIONAL SUMMARIES

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TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1987--CONTINUED

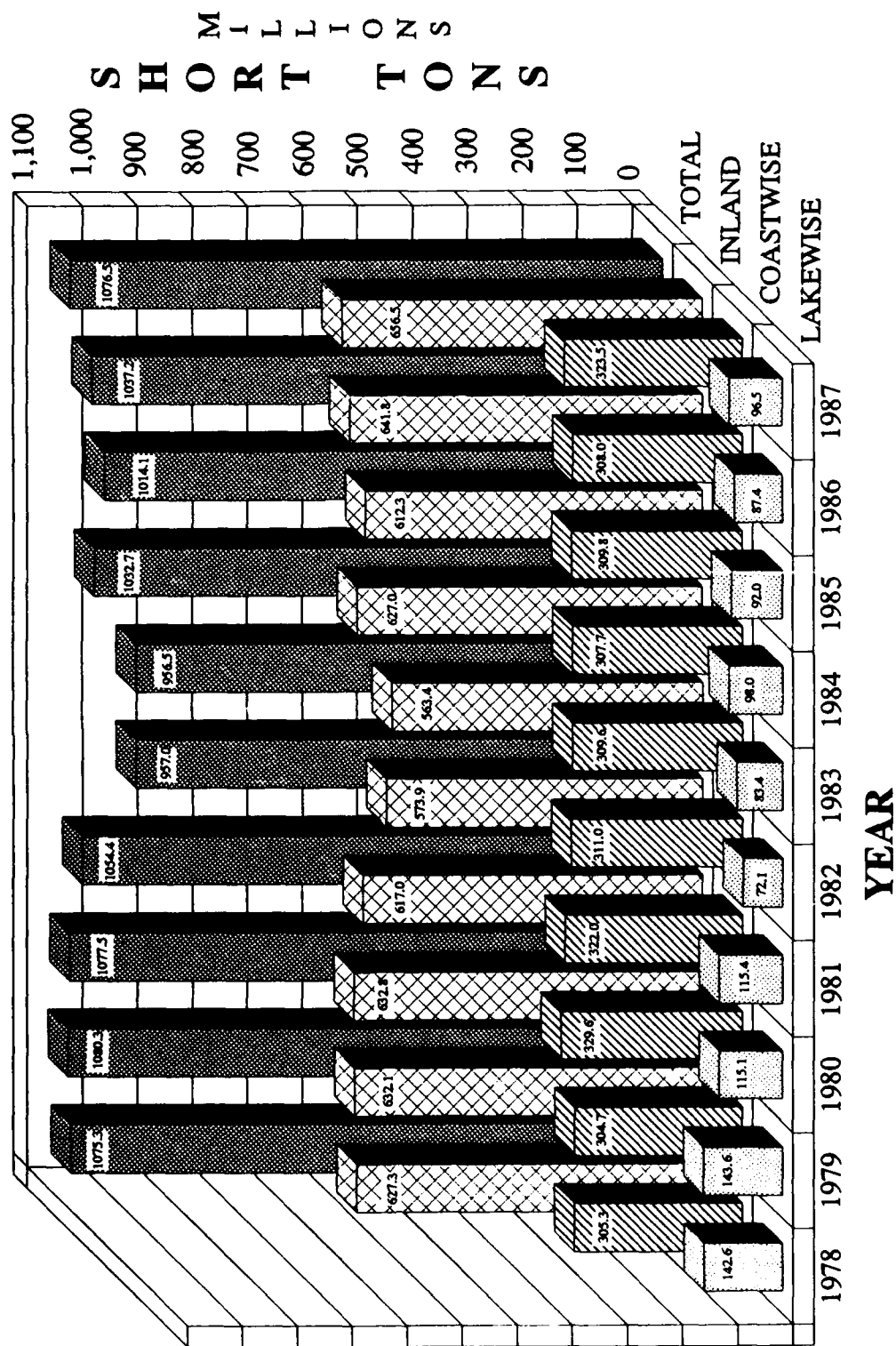
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		TOTAL	DOMESTIC				
		IMPORTS	EXPORTS		COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
PRIMARY METAL PRODUCTS									
3311 PIG IRON-----	587,802	368,897	46,625	170,280	202		170,078		
3312 BLAG-----	1,494,119	69,507		1,424,572	22,329	655,080	747,163		
3313 COKE, PET ASPHALTS, SOLVENTS--	113			113	48		65		
3314 IRON AND STEEL PRIMARY FORMS--	3,662,324	2,063,929	31,418	1,586,977	12,395	53,877	1,509,120	11,585	
3315 IRON, STEEL SHAPES, EXC SHEET--	13,495,551	11,529,975	50,724	1,914,852	69,910		1,839,778	5,163	1
3316 IRON AND STEEL PLATES, SHEETS--	1,114,069	98,632	394,704	620,733	23,454	90	583,386	13,803	
3317 IRON AND STEEL PIPE AND TUBE--	3,385,024	2,117,993	119,534	1,147,497	45,748	27	1,095,218	6,503	1
3318 FERROALLOYS-----	2,097,018	1,086,870	74,941	935,207	13,266		914,729	7,212	
3319 IRON AND STEEL PRODUCTS, NEC--	808,632	301,265	90,913	416,454	40,256	7,378	368,820		
3321 NONFERROUS METALS, NEC-----	268,123	167,051	87,078	13,994	5,090		8,783	120	1
3322 COPPER ALLOYS, UNWORKED-----	719,564	592,672	79,098	47,794	9,777		35,969	2,048	
3323 LEAD AND ZINC, UNWORKED-----	516,394	391,885	38,215	86,294	2,003		83,236	1,055	
3324 ALUMINUM AND ALLOYS, UNWORKED-	1,213,457	747,753	382,240	83,466	11,392		71,002	1,068	2
FABRICATED METAL PRODUCTS, EXCEP ORDNANCE, MACHINERY, & TRANS, EQUI									
3411 FABRICATED METAL PRODUCTS-----	5,519,675	3,399,604	413,613	1,706,458	1,483,281	72,550	113,920	22,346	14,361
MACHINERY, EXCEPT ELECTRICAL									
3511 MACHINERY, EXCEPT ELECTRICAL--	6,135,468	4,081,598	1,323,405	730,465	246,349	887	474,326	8,799	104
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES									
3611 ELECTRICAL MACH AND EQUIP-----	4,033,233	3,211,205	694,582	127,446	120,662		6,174		610
TRANSPORTATION EQUIPMENT									
3711 MOTOR VEHICLES, PARTS, EQUIP--	8,928,192	7,345,302	724,752	858,138	834,931	5,814	16,715	36	642
3721 AIRCRAFT AND PARTS-----	31,350	10,668	17,820	2,862	1,104		1,758		
3731 SHIPS AND BOATS-----	151,720	70,830	57,638	23,252	19,944		3,308		
3791 MISC TRANSPORTATION EQUIPMENT--	182,344	42,207	44,257	95,880	93,653		2,177	43	7
INSTRUMENTS, PHOTOGRAPHIC & OPTIC GOODS, WATCHES & CLOCKS									
3811 INSTR, TIME, PHOTO, OPT GOODS--	558,448	373,431	149,762	35,255	35,083		158		14
MISC. PRODUCTS OF MANUFACTURING									
3911 MISC MANUFACTURED PRODUCTS-----	3,433,632	1,814,441	89,581	1,529,610	387,856	36	1,141,613	77	28
WASTE & SCRAP MATERIALS									
4011 IRON AND STEEL SCRAP-----	12,946,538	141,990	9,415,234	3,391,314	79,572	2	2,828,606	483,134	
4012 NONFERROUS METAL SCRAP-----	1,527,159	629,072	876,524	21,563	10,632		10,930		1
4022 TEXTILE WASTE, SCRAP, SWEEP--	283,224	5,802	272,514	4,908	4,908				
4024 PAPER WASTE AND SCRAP-----	3,450,930	7,443	3,446,367	1,120	1,056		64		
4029 WASTE AND SCRAP, NEC-----	22,763,037			22,763,037	219,153	24	16,890,989	5,652,871	
SPECIAL ITEMS									
4111 WATER-----	899,290			899,290	7,850		852,420	39,020	
4112 COMMODITIES, NEC-----	5,317,517	483,679	481,641	4,352,197	3,701,540	37,831	194,941	312,643	105,222
4119 EMPTY CONTAINERS-----	63,904			63,904	45,039	3	18,492	370	
9999 DEPARTMENT OF DEFENSE AND SCI-	91,649		90,049	1,600			1,600		

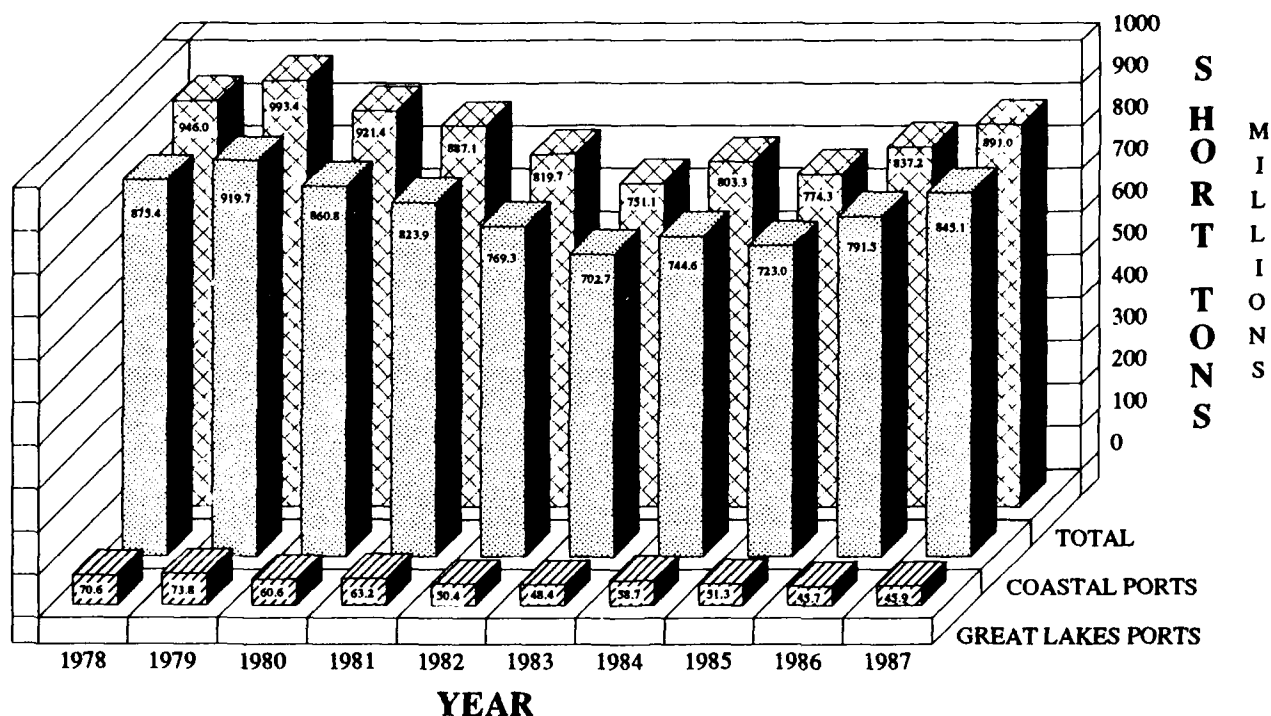
# 10 DOMESTIC WATERBORNE COMMERCE OF THE U.S.

## BY TYPE OF TRAFFIC

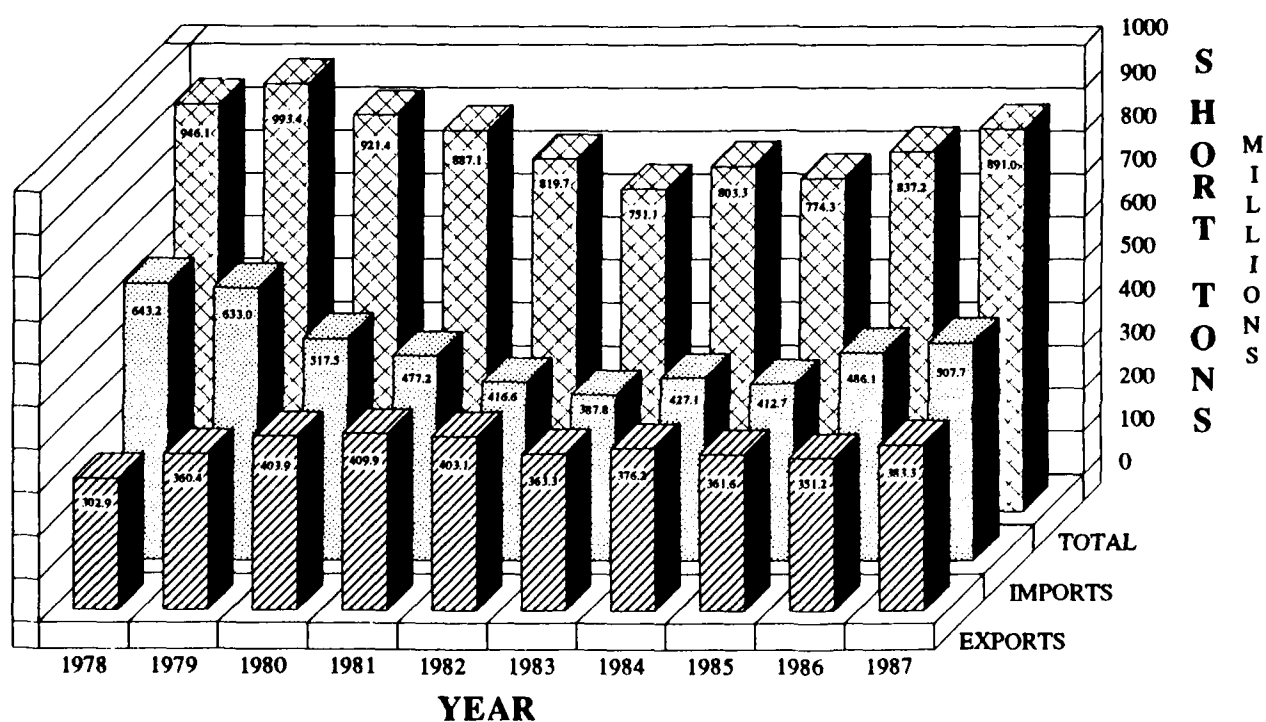
## NATIONAL SUMMARIES



**FOREIGN WATERBORNE COMMERCE OF THE UNITED STATES  
GREAT LAKES vs. COASTAL PORTS 1978 - 1987**



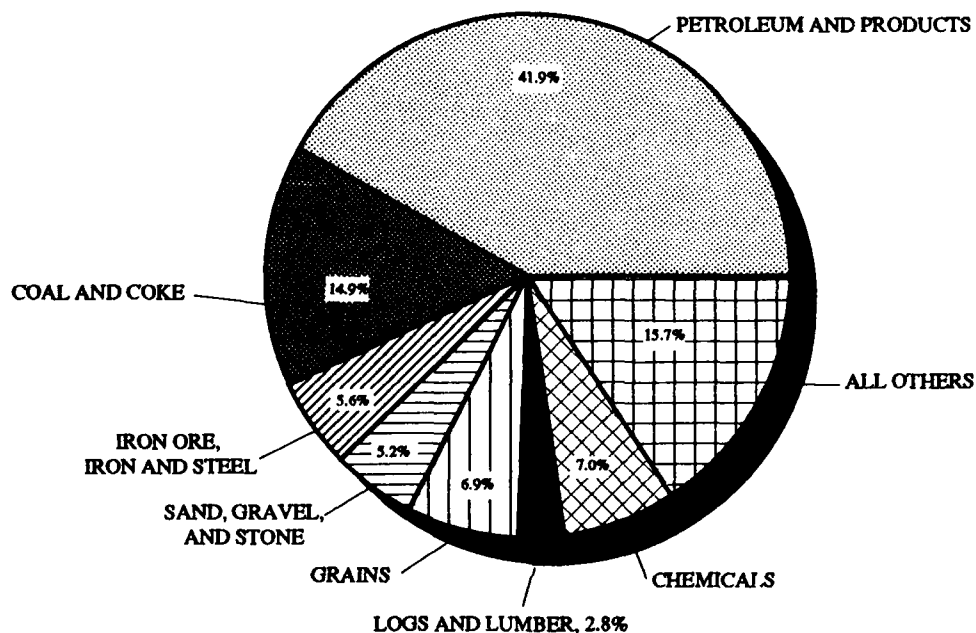
**FOREIGN WATERBORNE IMPORTS AND EXPORTS  
1978 - 1987**



## PRINCIPAL COMMODITIES CARRIED BY WATER

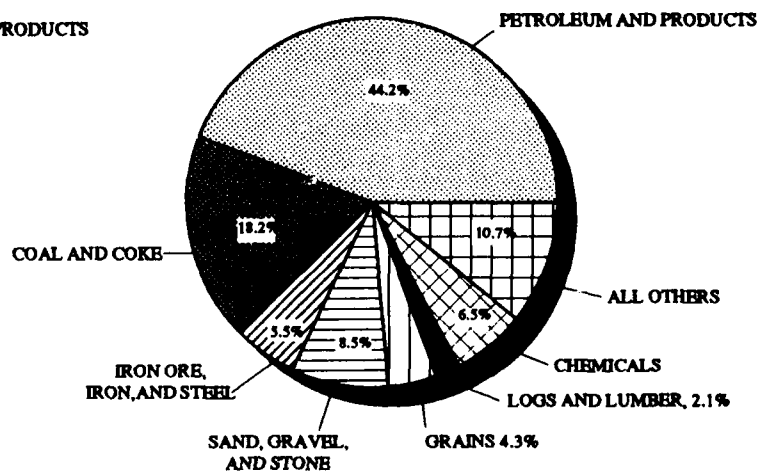
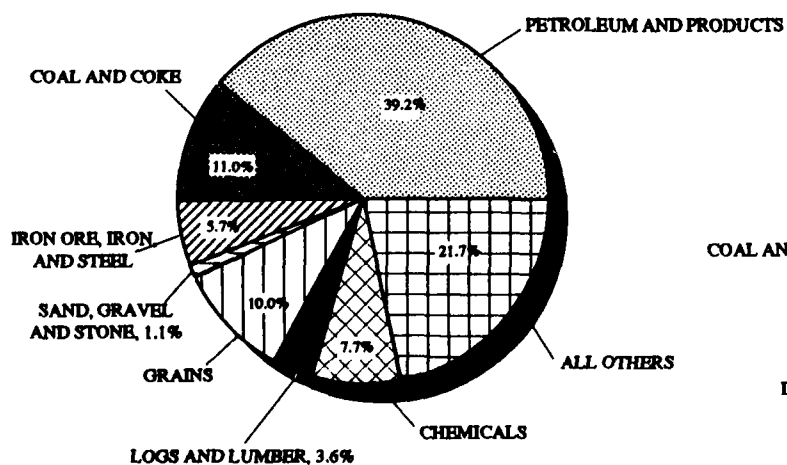
CALENDAR YEAR 1987

TOTAL COMMERCE



## FOREIGN COMMERCE

## DOMESTIC COMMERCE



## NATIONAL SUMMARIES

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TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1987  
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL, ALL COMMODITIES-----	845,054,674	493,828,182	351,226,492
FARM PRODUCTS			
0101 COTTON, RAW-----	1,513,632	933	1,512,699
0102 BARLEY AND RYE-----	2,922,945	54,692	2,868,253
0103 CORN-----	41,918,940	31,186	41,887,754
0104 OATS-----	331,952	327,583	4,369
0105 RICE-----	2,791,879	100,434	2,691,445
0106 SORGHUM GRAINS-----	4,909,709	-----	4,909,709
0107 WHEAT-----	31,959,642	7,925	31,951,717
0111 SOYBEANS-----	22,098,631	37	22,098,594
0119 OILSEEDS, NEC-----	343,008	23,252	319,756
0121 TOBACCO, LEAF-----	473,675	229,689	243,986
0129 FIELD CROPS, NEC-----	178,134	64,313	113,821
0131 FRESH FRUITS-----	1,457,560	168,254	1,289,306
0132 BANANAS AND PLANTAINS-----	3,527,988	3,526,501	1,487
0133 COFFEE-----	1,261,033	1,202,584	58,449
0134 COCOA BEANS-----	300,139	294,133	6,006
0141 FRESH AND FROZEN VEGETABLES-----	868,320	205,401	662,919
0145 LIVE ANIMALS-----	12,507	260	12,247
0161 ANIMALS AND PRODUCTS, NEC-----	255,357	127,101	128,256
0191 MISCELLANEOUS FARM PRODUCTS-----	69,674	45,561	24,113
FOREST PRODUCTS			
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,226,940	1,211,574	15,366
0861 FOREST PRODUCTS, NEC-----	188,190	150,298	37,892
FRESH FISH & OTHER MARINE PRODUCTS			
0911 FRESH FISH, EXCEPT SHELLFISH-----	878,522	599,465	279,057
0912 SHELLFISH, EXCEPT PREPARED-----	298,569	240,581	58,008
0931 MARINE SHELLS, UNMANUFACTURED-----	11,909	2,938	8,971
METALLIC ORES			
1011 IRON ORE AND CONCENTRATES-----	14,054,450	14,053,316	1,134
1021 COPPER ORE AND CONCENTRATES-----	466,201	62	466,139
1051 ALUMINUM ORES, CONCENTRATES-----	16,361,041	15,047,180	1,313,861
1061 MANGANESE ORES, CONCENTRATES-----	345,994	337,899	8,095
1091 NONFERROUS ORES, CONCENT, NEC-----	2,537,429	1,773,600	763,829
COAL			
1121 COAL AND LIGNITE-----	64,981,604	1,280,285	63,701,319
CRUDE PETROLEUM			
1311 CRUDE PETROLEUM-----	237,786,963	237,613,133	173,830
NONMETALLIC MINERALS, EXCEPT FUELS			
1411 LIMESTONE-----	703,559	627,257	76,302
1412 BUILDING STONE, UNWORKED-----	42,776	-----	42,776
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,637,620	2,562,600	1,075,020
1451 CLAY-----	4,371,501	2,113,657	2,257,844
1471 PHOSPHATE ROCK-----	9,640,294	546,964	9,093,330
1479 NATURAL FERTILIZER MATS, NEC-----	22,919	22,919	-----
1491 SALT-----	4,265,782	3,947,266	318,516
1492 SULPHUR, DRY-----	2,304,858	-----	2,304,858
1494 GYPSUM, CRUDE AND PLASTERS-----	9,661,417	9,619,976	41,441
1499 NONMETALLIC MINERALS, NEC-----	1,836,009	1,155,633	680,376
ORDNANCE & ACCESSORIES			
1911 ORDNANCE AND ACCESSORIES-----	31,790	25,925	5,865
FOOD & KINDRED PRODUCTS			
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,703,763	793,799	909,964
2012 MEAT AND PRODUCTS, NEC-----	330,762	300,521	30,241
2014 TALLOW, ANIMAL FATS AND OILS-----	1,124,206	-----	1,124,206
2015 ANIMAL BY-PRODUCTS, NEC-----	704,358	14,621	689,737
2021 DAIRY PRODUCTS, NEC-----	195,124	166,257	28,867
2022 DRIED MILK AND CREAM-----	365,466	48,568	317,118
2031 FISH AND SHELLFISH, PREPARED-----	413,593	349,818	63,775
2034 VEGETABLES AND PREP, NEC-----	972,261	785,991	186,270
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,637,621	2,207,302	430,319
2041 WHEAT FLOUR AND SEMOLINA-----	1,421,408	-----	1,421,408
2042 ANIMAL FEEDS-----	11,576,906	381,278	11,195,628
2049 GRAIN MILL PRODUCTS, NEC-----	6,693,390	261,207	6,432,183
2061 SUGAR-----	2,090,450	1,564,983	525,467
2062 MOLASSES-----	1,457,076	1,071,237	385,841
2081 ALCOHOLIC BEVERAGES-----	2,623,581	2,351,495	272,086
2091 VEGETABLE OILS, MARG, SHORT-----	2,652,239	1,329,916	1,322,323
2092 ANIMAL OILS AND FATS, NEC-----	139,814	15,464	124,350
2095 ICE-----	239,933	236,325	3,608
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,279,544	1,007,875	1,271,669
TOBACCO PRODUCTS			
2111 TOBACCO MANUFACTURES-----	205,883	7,596	198,287
BASIC TEXTILES			
2211 BASIC TEXTILE PRODUCTS-----	1,809,767	1,263,547	546,220
2212 TEXTILE FIBERS, NEC-----	46,704	69,733	26,971

## Waterborne Commerce of the United States, 1987

TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT			
2311 APPAREL-----	1,184,718	1,124,012	65,706
LUMBER & WOOD PROD., EXC. FURNITURE			
2411 LOGS-----	17,989,994	288,082	17,701,912
2413 FUEL WOOD, CHARCOAL, WASTES-----	175,771	162,343	13,388
2414 TIMBER, POSTS, POLES, PILING-----	54,456	6,340	48,112
2415 PULPWOOD, LOG-----	32,701	30,831	1,870
2416 WOOD CHIPS, STAVES, MOLDINGS-----	5,665,031	436,636	5,228,395
2421 LUMBER-----	5,795,106	2,399,990	3,395,116
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,747,867	1,201,245	546,622
2491 WOOD MANUFACTURES, NEC-----	718,472	377,512	340,960
FURNITURE & FIXTURES			
2511 FURNITURE AND FIXTURES-----	1,217,511	1,152,272	65,239
PULP, PAPER & ALLIED PRODUCTS			
2611 PULP-----	5,013,902	454,801	4,559,101
2621 STANDARD NEWSPRINT PAPER-----	2,357,086	1,691,829	665,231
2631 PAPER AND PAPERBOARD-----	5,472,563	1,918,107	3,554,456
2691 PULP AND PAPER PRODUCTS, NEC-----	340,057	162,200	177,857
PRINTED MATTER			
2711 PRINTED MATTER-----	269,307	193,765	75,542
CHEMICALS & ALLIED PRODUCTS			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	781,173	429,486	351,667
2812 DYES, PIGMENT, TANNING MATS-----	21,999	-----	21,999
2813 ALCOHOLS-----	2,583,281	1,545,990	1,037,291
2816 RADIOACTIVE MATERIALS, WASTES-----	15,512	9,220	6,292
2817 BENZENE AND TOLUENE-----	1,367,942	783,745	584,197
2819 BASIC CHEMICALS AND PROD., NEC-----	29,763,736	14,619,117	15,304,619
2821 PLASTIC MATERIALS-----	3,514,622	747,445	3,067,377
2822 SYNTHETIC RUBBER-----	409,930	13,205	396,725
2823 SYNTHETIC (MAN-MADE) FIBERS-----	349,112	53,668	295,444
2831 DRUGS-----	162,776	104,197	78,579
2841 SOAP-----	557,358	152,710	404,648
2851 PAINTS-----	542,081	452,413	89,668
2861 GUM AND WOOD CHEMICALS-----	267,411	12,328	195,083
2871 NITROGENOUS CHEM FERTILIZERS-----	4,444,216	1,880,033	2,564,183
2872 POTASSIC CHEM FERTILIZERS-----	3,185,875	1,081,646	2,104,229
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,373,641	54,357	1,319,284
2876 INSECTICIDES, DISINFECTANTS-----	242,207	68,325	173,882
2879 FERTILIZER AND MATERIALS, NEC-----	5,937,466	38,108	5,899,378
2891 MISCELLANEOUS CHEMICAL PROD-----	1,690,410	493,355	1,197,055
PETROLEUM & COAL PRODUCTS			
2911 GASOLINE-----	21,497,439	19,734,135	1,713,304
2912 JET FUEL-----	4,481,337	3,015,696	1,465,641
2913 KEROSENE-----	109,883	75,764	34,119
2914 DISTILLATE FUEL OIL-----	16,535,846	12,283,372	4,252,474
2915 RESIDUAL FUEL OIL-----	52,896,074	40,880,389	12,017,685
2916 LUBRICATING OILS AND GREASES-----	3,608,340	1,468,582	2,139,758
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,074,987	5,927,284	147,703
2918 ASPHALT, TAN, AND PITCHES-----	2,335,507	2,203,175	132,332
2920 COKE, PETROLEUM COKE-----	16,535,929	912,931	15,622,998
2921 LIQUEFIED GASES-----	4,170,966	2,927,144	1,243,822
2931 ASPHALT BUILDING MATERIALS-----	16,970	-----	16,970
2991 PETROLEUM AND COAL PROD., NEC-----	129,714	59,424	69,290
RUBBER & MISC. PLASTIC PRODUCTS			
3011 RUBBER AND MISC PLASTIC PROD-----	2,282,965	1,924,314	358,651
LEATHER & LEATHER PRODUCTS			
3111 LEATHER AND LEATHER PRODUCTS-----	957,391	871,246	86,145
STONE, CLAY, GLASS, & CONCRETE PROD.			
3211 GLASS AND GLASS PRODUCTS-----	786,476	492,008	294,468
3241 BUILDING CEMENT-----	12,431,233	12,408,483	22,750
3251 STRUCTURAL CLAY PRODUCTS-----	1,011,791	899,100	112,691
3271 LIME-----	2,854	425	2,429
3281 CUT STONE AND STONE PRODUCTS-----	617,902	600,509	17,393
3291 MISC NONMETALLIC MINERAL PROD-----	1,102,317	835,043	267,274
PRIMARY METAL PRODUCTS			
3311 PIG IRON-----	298,159	249,534	48,625
3312 SLAG-----	50,378	50,378	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,726,118	1,695,912	30,206
3315 IRON, STEEL SHAPES, EXC SHEET-----	9,731,540	9,680,816	50,724
3316 IRON AND STEEL PLATES, SHEETS-----	455,038	84,863	370,175
3317 IRON AND STEEL PIPE AND TUBE-----	2,203,111	2,083,593	119,518
3318 FERRIALLOYS-----	1,063,407	988,466	74,941
3319 IRON AND STEEL PRODUCTS, NEC-----	377,331	295,322	82,009
3321 NONFERREROUS METALS, NEC-----	250,200	163,381	86,819
3322 COPPER ALLOYS, UNWORKED-----	671,537	592,440	79,097
3323 LEAD AND ZINC, UNWORKED-----	286,041	247,826	38,215
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,106,658	724,697	382,161

## NATIONAL SUMMARIES

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TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED  
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.			
3411 FABRICATED METAL PRODUCTS-----	3,775,844	3,362,469	413,375
MACHINERY, EXCEPT ELECTRICAL			
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,356,068	4,039,650	1,316,418
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES			
3611 ELECTRICAL MACH AND EQUIP-----	3,903,045	3,208,748	694,297
TRANSPORTATION EQUIPMENT			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,955,310	7,336,281	619,029
3721 AIRCRAFT AND PARTS-----	28,464	10,644	17,820
3731 SHIPS AND BOATS-----	128,393	70,766	57,627
3791 MISC TRANSPORTATION EQUIPMENT-----	84,222	41,787	42,435
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	522,612	373,039	149,573
MISC. PRODUCTS OF MANUFACTURING			
3911 MISC MANUFACTURED PRODUCTS-----	1,903,257	1,813,685	89,572
WASTE & SCRAP MATERIALS			
4011 IRON AND STEEL SCRAP-----	9,071,370	141,418	8,929,952
4012 NONFERROUS METAL SCRAP-----	1,423,704	547,303	876,401
4022 TEXTILE WASTE, SCRAP, SWEEP-----	278,315	5,802	272,513
4024 PAPER WASTE AND SCRAP-----	3,453,810	7,443	3,446,367
SPECIAL ITEMS			
4112 COMMODITIES, NEC-----	957,937	477,636	480,301
9999 DEPARTMENT OF DEFENSE AND SCI-----	90,045	-----	90,045



## Waterborne Commerce of the United States, 1987

TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
TOTAL, ALL COMMODITIES-----	45,925,371	13,876,092	10,040,313	3,835,779	32,049,279	26,766,116	5,283,163
FARM PRODUCTS							
0102 BARLEY AND RYE-----	488,854	7,232	7,232	-----	481,622	276,577	205,045
0103 CORN-----	1,759,221	-----	-----	-----	1,759,221	818,109	941,112
0104 OATS-----	44,561	44,561	44,561	-----	-----	-----	-----
0105 RICE-----	1,592	-----	-----	-----	1,592	-----	1,592
0107 WHEAT-----	1,846,729	46,489	46,489	-----	1,800,240	147,851	1,652,389
0111 SOYBEANS-----	1,046,885	-----	-----	-----	1,046,885	119,962	926,923
0119 OILSEEDS, NEC-----	137,855	3,839	3,839	-----	134,016	-----	134,016
0129 FIELD CROPS, NEC-----	8,960	101	79	22	8,859	-----	8,859
0133 COFFEE-----	27	27	7	20	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	40,033	32	22	10	40,001	79	39,922
0161 ANIMALS AND PRODUCTS, NEC-----	166	158	12	146	8	-----	8
0191 MISCELLANEOUS FARM PRODUCTS-----	5	5	5	-----	-----	-----	-----
FOREST PRODUCTS							
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,447	1,447	1,280	167	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	116	116	-----	116	-----	-----	-----
FRESH FISH & OTHER MARINE PRODUCTS							
0911 FRESH FISH, EXCEPT SHELLFISH-----	498	-----	-----	-----	498	-----	498
0912 SHELLFISH, EXCEPT PREPARED-----	10	10	-----	10	-----	-----	-----
METALLIC DRES							
1011 IRON ORE AND CONCENTRATES-----	9,666,830	3,893,901	3,298,528	595,373	5,772,929	5,598,607	174,322
1051 ALUMINUM DRES, CONCENTRATES-----	39,589	39,589	-----	39,589	-----	-----	-----
1091 NONFERRRUS DRES, CONCENT, NEC-----	64,046	64,046	4,906	59,140	-----	-----	-----
COAL							
1121 COAL AND LIGNITE-----	15,732,642	30,972	30,972	-----	15,701,670	15,579,005	122,665
CRUDE PETROLEUM							
1311 CRUDE PETROLEUM-----	100,397	100,397	39,568	60,829	-----	-----	-----
NONMETALLIC MINERALS, EXCEPT FUELS							
1411 LIMESTONE-----	3,061,094	-----	-----	-----	3,061,094	3,061,094	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,633,633	1,254,343	1,253,776	567	379,290	369,284	10,002
1451 CLAY-----	126,709	10,545	2	10,543	116,164	139,506	6,659
1491 SALT-----	1,613,091	1,375,024	1,375,002	22	238,067	181,473	56,594
1499 NONMETALLIC MINERALS, NEC-----	93,991	87,122	42,669	44,453	6,869	-----	6,869
ORDNANCE & ACCESSORIES							
1911 ORDNANCE AND ACCESSORIES-----	23	23	2	21	-----	-----	-----
FOOD & KINDRED PRODUCTS							
2012 MEAT AND PRODUCTS, NEC-----	40	40	20	20	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	19,672	-----	-----	-----	19,672	-----	19,672
2022 DRIED MILK AND CREAM-----	32,614	-----	-----	-----	32,614	-----	32,614
2031 FISH AND SHELLFISH, PREPARED-----	225	96	-----	96	129	-----	129
2034 VEGETABLES AND PREP, NEC-----	226	166	-----	166	60	-----	60
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,791	2,791	1,595	1,196	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	26,867	-----	-----	-----	26,867	-----	26,867
2042 ANIMAL FEEDS-----	15,631	1,746	857	889	13,885	-----	13,885
2049 GRAIN MILL PRODUCTS, NEC-----	80,957	867	640	227	80,090	-----	80,090
2061 SUGAR-----	11,125	11,125	20	11,105	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	2,766	2,766	301	2,465	-----	-----	-----
2091 VEGETABLE OILS, MANG, SHOMI-----	32,126	1,227	969	258	30,899	-----	30,899
2095 ICE-----	159	159	-----	159	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	73,248	894	288	606	72,354	-----	72,354
BASIC TEXTILES							
2211 BASIC TEXTILE PRODUCTS-----	12,255	12,243	291	11,952	12	-----	12
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT							
2311 APPAREL-----	1,083	122	-----	122	961	-----	961
LUMBER & WOOD PRODS, EXC, FURNITURE							
2411 LOGS-----	59	59	-----	59	-----	-----	-----
2421 LUMBER-----	18,243	15,464	15,433	31	2,779	60	2,719
2431 VENEER, PLYWOOD, WORKED WOOD-----	788	745	716	29	43	-----	43
2491 WOOD MANUFACTURES, NEC-----	26	26	1	25	-----	-----	-----
FURNITURE & FIXTURES							
2511 FURNITURE AND FIXTURES-----	806	788	39	749	18	-----	18
PULP, PAPER & ALLIED PRODUCTS							
2611 PULP-----	174,692	151,620	65,767	85,853	23,072	151	22,921
2621 STANDARD NEWSPRINT PAPER-----	148,132	148,126	148,126	-----	6	-----	6
2631 PAPER AND PAPERBOARD-----	1,643	1,425	502	923	218	-----	218
2691 PULP AND PAPER PRODUCTS, NEC-----	430	339	97	242	91	0	82

## NATIONAL SUMMARIES

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TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
PRINTED MATTER							
2711 PRINTED MATTER-----	138	121	17	104	17		17
CHEMICALS & ALLIED PRODUCTS							
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	57,401	51,088	49,629	1,459	6,313	6,313	
2812 DYES, PIGMENT, TANNING MATS-----	3				3		3
2813 ALCOHOLS-----	28,937	27,740	26,746	994	1,197	266	931
2817 BENZENE AND TOLUENE-----	56,291	23,558	23,558		32,733	32,733	
2819 BASIC CHEMICALS AND PROD, NEC-----	65,872	61,913	51,414	10,499	3,959	250	3,709
2821 PLASTIC MATERIALS-----	3,832	3,432	2,224	1,208	400	21	379
2822 SYNTHETIC RUBBER-----	117	117		117			
2831 DRUGS-----	567	502	191	311	65		65
2841 SOAP-----	2,573	325	61	264	2,248		2,248
2851 PAINTS-----	23,934	23,908	22,282	1,626	26	2	24
2861 GUM AND GUM CHEMICALS-----	20	20		20			
2871 NITROGENOUS CHEM FERTILIZERS-----	151,157	151,157	63,048	88,109			
2872 POTASSIC CHEM FERTILIZERS-----	1,243,724	1,243,724	1,243,724				
2876 INSECTICIDES, DISINFECTANTS-----	81	64		64	17		17
2879 FERTILIZER AND MATERIALS, NEC-----	28,267	28,267	19,966	8,307			
2891 MISCELLANEOUS CHEMICAL PROD-----	4,434	4,028	1,667	2,361	406	57	349
PETROLEUM & COAL PRODUCTS							
2911 GASOLINE-----	117,436	53,300	53,300		64,136	64,136	
2912 JET FUEL-----	5,019	5,850	5,850		8,169	8,169	
2913 KEROSENE-----	26,354	1,283	1,283		27,071	27,071	
2914 DISTILLATE FUEL OIL-----	188,081	159,482	159,482		28,599	28,599	
2915 RESIDUAL FUEL OIL-----	156,739	156,739	151,468	5,271			
2916 LUBRICATING OILS AND GREASES-----	55,992	57	38	19	55,934	55,924	10
2917 NAPHTHA, PETROLEUM SOLVENTS-----	20,551	20,551	20,551				
2918 ASPHALT, TAR, AND BITUMENS-----	15,058	5,385	5,385		9,673	9,673	
2920 COKE, PETROLEUM COKE-----	512,674	231,100	231,100		281,574	120,084	161,490
2921 LIQUEFIED GASES-----	291	291	271	20			
2991 PETROLEUM AND COAL PROD, NEC-----	34	27		27	7		7
RUBBER & MISC. PLASTIC PRODUCTS							
3011 RUBBER AND MISC PLASTIC PROD-----	3,699	3,638	183	3,455	61	19	42
LEATHER & LEATHER PRODUCTS							
3111 LEATHER AND LEATHER PRODUCTS-----	297	282	4	278	15		15
STONE, CLAY, GLASS, & CONCRETE PROD.							
3211 GLASS AND GLASS PRODUCTS-----	906	874	74	800	32	32	
3241 BUILDING CEMENT-----	1,471,719	1,434,999	1,305,936	129,063	36,720	36,720	
3251 STRUCTURAL CLAY PRODUCTS-----	8,191	8,172	289	7,883	19		19
3281 CUT STONE AND STONE PRODUCTS-----	1,225	1,216	70	1,146	9	9	
3291 MISC NONMETALLIC MINERAL PROD-----	294	247	24	223	47	3	44
PRIMARY METAL PRODUCTS							
3311 PIG IRON-----	119,363	119,363	117,962	1,401			
3312 SLAG-----	19,169	19,169	19,169				
3314 IRON AND STEEL PRIMARY FORMS-----	369,229	368,017		368,017	1,212		1,212
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,849,159	1,849,159	33,109	1,816,050			
3316 IRON AND STEEL PLATES, SHEETS-----	38,298	13,769		13,769	24,529		24,529
3317 IRON AND STEEL PIPE AND TUBE-----	34,416	34,400	92	34,308	16	16	
3318 FERROALLOYS-----	98,404	98,404	24,827	73,577			
3319 IRON AND STEEL PRODUCTS, NEC-----	14,847	5,943	312	5,631	8,904	8,862	62
3321 NONFERROUS METALS, NEC-----	3,929	3,670	526	3,044	259	246	13
3322 COPPER ALLOYS, UNWORKED-----	233	232		232	1		1
3323 LEAD AND ZINC, UNWORKED-----	144,059	144,059	226	143,833			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	23,135	23,056	194	22,862	79		79
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.							
3411 FABRICATED METAL PRODUCTS-----	37,373	37,135	7,753	29,382	238	13	225
MACHINERY, EXCEPT ELECTRICAL							
3511 MACHINERY, EXCEPT ELECTRICAL-----	48,935	41,948	1,008	40,940	6,987	35	6,952
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES							
3611 ELECTRICAL MACH AND EQUIP-----	2,742	2,457	402	2,055	285	56	229
TRANSPORTATION EQUIPMENT							
3711 MOTOR VEHICLES, PARTS, EQUIP-----	114,744	9,021	4,826	4,195	105,723	104,745	978
3721 AIRCRAFT AND PARTS-----	24	24	20	4			
3731 SHIPS AND BOATS-----	75	64	31	33	11	5	6
3791 MISC TRANSPORTATION EQUIPMENT-----	2,242	420		420	1,822		1,822
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS							
3811 INSTR, TIME, PHOTO, OPT GOODS-----	581	392	85	307	189		189
MISC. PRODUCTS OF MANUFACTURING							
3911 MISC MANUFACTURED PRODUCTS-----	765	756	24	732	9		9

# Waterborne Commerce of the United States, 1987

TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
WASTE & SCRAP MATERIALS							
4011 IRON AND STEEL SCRAP-----	485,854	552		552	485,302		485,302
4012 NONFERROUS METAL SCRAP-----	81,892	81,769		81,769	123		123
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1				1		1
SPECIAL ITEMS							
4112 COMMODITIES, NEC-----	7,383	6,043	5,205	838	1,340	306	1,034
9999 DEPARTMENT OF DEFENSE AND SCI-----	4				4		

## NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL	
		IMPORTS	EXPORTS	COASTWISE		INTERNAL			
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
ALABAMA									
GUNTERSVILLE-----	1,818,817	-----	-----	-----	-----	1,269,386	549,431	-----	
MOBILE HARBOR-----	32,384,042	4,621,784	10,564,999	67,591	915,720	10,898,414	4,796,206	519,320	
ALASKA									
ANCHORAGE-----	2,105,157	124,075	398,366	946,330	169,041	16,905	451,500	-----	
KETCHIKAN HARBOR-----	2,443,739	109,330	1,372,817	223,125	66,583	542,608	128,892	340	
KETLAKATLA HARBOR-----	471,041	-----	71,462	3,957	10,919	292,561	92,142	-----	
SITKA HARBOR-----	912,167	18,229	134,378	147,853	30,430	580,767	5,510	-----	
SKAGWAY HARBOR-----	1,504,747	725,243	636,201	141,434	20	1,849	-----	-----	
VALDEZ HARBOR-----	106,867,415	5,303	4,727	20,397	106,836,988	-----	-----	-----	
WHITTIER HARBOR-----	298,194	-----	-----	-----	-----	-----	-----	-----	
WARRELL HARBOR-----	563,949	7,592	173,506	7,246	5,791	166,111	203,703	-----	
ARKANSAS									
HELENA-----	989,822	-----	-----	-----	-----	296,742	656,885	36,190	
CALIFORNIA									
ELLWOOD-----	506,621	-----	-----	-----	-----	-----	-----	-----	
HUMBOLDT HARBOR AND BAY-----	1,494,923	1,339	687,920	525,228	237,893	42,543	-----	-----	
LONG BEACH HARBOR-----	45,898,541	11,565,461	10,954,677	17,781,004	729,276	4,086,722	520,626	260,770	
LOS ANGELES HARBOR-----	40,460,556	10,931,388	9,231,823	10,221,697	3,229,380	620,297	4,080,202	3,145,770	
NEWPORT BAY HARBOR-----	290,575	-----	-----	75	-----	-----	290,500	-----	
OAKLAND HARBOR-----	9,211,932	2,985,590	3,375,073	425,239	814,399	1,460,538	151,093	-----	
PORT HUENEME-----	513,029	386,733	11,145	54,022	30,083	4,205	24,601	200	
REDWOOD CITY HARBOR-----	664,238	41,233	215,838	54,184	212,410	140,169	-----	-----	
RICHMOND HARBOR-----	21,431,418	1,813,905	2,991,705	9,552,250	2,214,060	1,219,397	3,399,663	240,230	
SACRAMENTO-----	1,227,391	136,429	754,013	307,546	24,514	820	-----	-----	
SAN DIEGO-----	2,955,646	555,715	214,803	475,562	74,213	90,853	556,200	988,300	
SAN FRANCISCO HARBOR-----	2,822,999	1,062,960	1,013,835	31	3,804	416,508	324,418	1,440	
STOCKTON-----	1,389,448	419,452	892,825	27,892	-----	57,259	2,020	-----	
CONNECTICUT									
BRIDGEPORT HARBOR-----	3,036,418	672,879	202	2,259,446	103,891	-----	-----	-----	
NEW HAVEN HARBOR-----	9,552,730	3,060,753	207,640	5,745,846	525,138	-----	-----	51,350	
NEW LONDON HARBOR-----	764,860	261,389	3,086	342,394	134,004	-----	-----	24,000	
NORWALK HARBOR-----	658,406	-----	-----	663,275	-----	-----	-----	5,130	
STAMFORD HARBOR-----	694,970	-----	-----	654,886	40,084	-----	-----	-----	
DELAWARE									
NEW CASTLE AND VICINITY-----	11,292,068	4,194,961	37,447	314,203	2,401,648	2,948,309	1,395,130	350	
WILMINGTON HARBOR-----	3,464,008	2,309,039	238,258	99,595	55,089	553,066	194,807	14,150	
DISTRICT OF COLUMBIA									
WASHINGTON HARBOR-----	464,124	-----	-----	-----	-----	463,892	232	-----	
FLORIDA									
CANAVERAL HARBOR-----	2,174,613	1,104,504	217,605	739,285	63	5,300	107,856	-----	
CHARLOTTE HARBOR-----	1,007,075	-----	-----	347,567	9,870	762	648,738	190	
FLORIAN HARBOR-----	359,117	50,610	197,946	1,328	-----	103,765	5,428	-----	
JACKSONVILLE HARBOR-----	13,433,675	3,859,055	2,193,436	4,523,772	1,583,881	100,094	544,200	680,230	
MIAMI HARBOR-----	4,260,960	1,742,377	1,250,178	487,473	565,834	30,372	183,426	-----	
PALM BEACH HARBOR-----	2,507,750	661,624	836,102	196,780	812,272	564	398	-----	
PANAMA CITY HARBOR-----	2,647,430	43,370	445,994	-----	-----	2,012,410	133,123	12,500	
PENSACOLA HARBOR-----	1,576,841	41,809	263,937	83,769	61,534	773,531	352,501	-----	
PORT EVERGLADES HARBOR-----	14,045,487	3,734,577	610,424	7,174,798	473,335	13,572	33,781	-----	
TAMPA HARBOR-----	44,303,349	5,393,004	13,780,404	17,444,796	7,598,772	2,618	17,730	76,040	
KEECON ISLAND-----	783,408	-----	-----	-----	-----	-----	-----	-----	
GEORGIA									
BRUNSWICK HARBOR-----	1,636,222	1,124,573	415,948	-----	11,760	75,741	4,200	-----	
SAVANNAH HARBOR-----	13,201,806	6,153,495	4,238,914	1,677,947	633,820	97,258	227,538	172,740	
HAWAII									
BARBERS POINT HARBOR, HAWAII-----	7,135,064	2,812,969	323,911	3,376,818	621,367	-----	-----	-----	
HILO HARBOR, HAWAII-----	1,365,768	60,825	16,237	905,144	383,562	-----	-----	-----	
KONJULU HARBOR, HAWAII-----	9,736,688	683,679	226,639	4,547,857	4,057,410	-----	70,373	150,740	
KAHULUI HARBOR, HAWAII-----	2,035,247	41,096	9,371	1,217,392	767,388	-----	-----	-----	
KAHAIHAE HARBOR, HAWAII-----	871,202	42,505	29,849	300,290	498,558	-----	-----	-----	
WAILIHI HARBOR, HAWAII-----	916,422	7,828	6	540,228	365,360	-----	-----	-----	
INDIANA									
MOUNT VERNON-----	5,591,394	-----	-----	-----	900	831,770	4,757,141	1,620	

\* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED.

## Waterborne Commerce of the United States, 1987

TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		LOCAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
KENTUCKY									
LOUISVILLE-----	9,362,237	-----	-----	-----	-----	6,432,024	2,930,213	-----	
LOUISIANA									
BATON ROUGE-----	73,401,202	8,680,048	14,129,754	7,836,110	3,138,371	15,333,552	22,763,927	1,519,440	
LAKE CHARLES (CALCASIEU RIVER AND PASS)-----	31,730,771	14,979,020	4,082,014	497,616	2,399,156	3,989,532	5,122,875	659,950	
LAKE PROVIDENCE-----	979,724	-----	-----	-----	-----	796,980	182,744	-----	
NEW ORLEANS-----	167,917,822	18,591,032	47,173,714	2,113,436	14,163,412	64,814,888	17,528,370	3,532,970	
MAINE									
BUCKSPORT HARBOR-----	598,860	374,517	-----	159,910	-----	-----	64,433	-----	
PORTLAND HARBOR-----	9,151,027	6,152,710	43,650	2,724,518	121,143	32,903	-----	76,100	
SEARSPORT HARBOR-----	978,178	575,616	7,684	338,945	55,933	-----	-----	-----	
MARYLAND									
BALTIMORE HARBOR AND CHANNELS-----	37,488,624	14,618,895	10,180,919	2,357,756	3,194,055	2,953,814	768,846	3,414,330	
MASSACHUSETTS									
FALL RIVER HARBOR-----	5,006,804	310,921	-----	4,375,638	52,764	123,859	132,909	10,710	
NEW BEDFORD AND FAIRHAVEN HARBOR-----	453,358	52,773	3,940	178,251	104,578	65,367	-----	48,440	
PORT OF BOSTON-----	19,829,871	10,256,477	655,939	6,798,805	1,248,089	23,356	-----	837,200	
SALEM HARBOR-----	1,428,413	316,569	15	1,096,311	15,086	-----	-----	410	
VINEYARD HAVEN HARBOR-----	318,971	-----	-----	266,868	52,103	-----	-----	-----	
MINNESOTA									
MINNEAPOLIS-----	1,506,329	-----	-----	-----	-----	847,108	659,221	-----	
ST. PAUL-----	7,418,589	-----	-----	-----	-----	3,670,172	3,748,417	-----	
MISSISSIPPI									
BILOXI HARBOR-----	1,853,539	-----	-----	-----	400	1,783,672	66,147	3,320	
GREENVILLE-----	1,962,197	-----	-----	-----	-----	1,254,901	707,296	-----	
SULFPORT HARBOR-----	1,208,043	756,632	240,494	-----	-----	186,690	44,237	-----	
WATCHEZ-----	537,297	-----	-----	-----	-----	266,555	270,742	-----	
PASCAGOULA HARBOR-----	27,824,815	14,466,236	3,003,333	59,712	5,139,664	1,018,675	4,115,570	21,620	
VICKSBURG-----	2,879,083	96	129	-----	-----	2,101,886	766,471	10,500	
MISSOURI									
PORT OF KANSAS CITY-----	2,204,169	-----	-----	-----	-----	424,957	500,432	1,278,780	
PORT OF METROPOLITAN ST. LOUIS-----	27,571,883	-----	-----	-----	-----	6,743,288	18,324,932	2,503,660	
NEW HAMPSHIRE									
PORTSMOUTH HARBOR-----	3,501,620	1,891,416	310,205	1,221,585	53,347	-----	-----	25,060	
NEW JERSEY									
CAMDEN - GLOUCESTER-----	7,885,736	2,796,254	1,382,852	722,444	546,172	1,180,117	1,203,600	54,290	
PAULSBORO AND VICINITY-----	17,936,169	11,006,258	128,109	854,125	1,748,845	2,325,111	1,701,208	172,510	
TRENTON HARBOR-----	827,529	-----	-----	-----	-----	827,529	-----	-----	
NEW YORK									
HEMPSTEAD HARBOR-----	1,168,534	-----	-----	1,168,261	273	-----	-----	-----	
NORTHPORT HARBOR-----	334,535	-----	-----	9,376	325,159	-----	-----	-----	
PORT CHESTER HARBOR-----	311,415	-----	-----	9,327	-----	132,884	-----	169,207	
PORT JEFFERSON HARBOR-----	3,664,501	340,062	2,643	3,199,415	122,381	-----	-----	-----	
PORT OF ALBANY-----	7,375,043	2,036,316	148,199	530,596	48,659	4,259,246	261,501	88,430	
PORT OF NEW YORK-----	154,536,680	46,506,740	5,534,532	24,173,720	26,723,369	2,603,340	14,246,174	34,749,800	
TARRYTOWN HARBOR-----	304,741	-----	-----	-----	-----	304,741	-----	-----	
NORTH CAROLINA									
WOREHEAD CITY HARBOR-----	5,561,002	753,450	2,032,790	301,835	18,767	1,847,615	591,672	14,870	
PORT OF WILMINGTON-----	7,692,936	2,324,991	724,494	3,145,989	23,563	60,973	1,348,344	64,590	
OHIO									
CINCINNATI-----	11,995,343	-----	-----	1,286	-----	9,829,336	2,103,900	60,820	
OREGON									
COOS BAY-----	7,761,681	11,917	4,381,694	343,113	142,183	980,536	1,535,940	366,300	
OREGON SLOUGH (NORTH PORTLAND HARBOR)-----	2,016,163	597,409	612,810	26,155	228,451	471,227	79,712	-----	
PORT OF ASTORIA-----	1,239,830	20,124	492,374	12,013	55,338	216,557	436,284	7,140	
PORT OF PORTLAND-----	26,812,547	2,598,609	12,985,565	2,425,112	518,022	5,467,606	1,822,581	995,050	

## NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
OREGON								
YAGUINA BAY AND HARBOR-----	849,013	-----	188,438	-----	71,175	-----	589,400	-----
PENNSYLVANIA								
CHESTER-----	583,436	185,577	6,361	650	-----	384,345	6,503	-----
MARCUS HOOK AND VICINITY-----	28,154,337	16,545,059	30,738	2,060,126	1,610,918	4,459,179	3,354,317	94,000
PENN MAJOR AND VICINITY-----	2,557,764	2,325,107	15,085	10,871	-----	199,942	6,759	-----
PHILADELPHIA HARBOR-----	37,336,977	21,176,810	2,082,567	1,100,878	3,470,900	6,225,314	2,348,043	932,460
PITTSBURGH-----	28,840,424	-----	-----	-----	-----	22,672,617	3,331,203	2,836,600
RHODE ISLAND								
NEWPORT HARBOR-----	468,924	431,190	-----	28,808	8,390	199	337	-----
PROVIDENCE RIVER AND HARBOR-----	7,450,640	2,525,215	454,160	3,816,002	219,932	208,051	74,898	152,380
SOUTH CAROLINA								
CHARLESTON HARBOR-----	8,907,313	2,995,535	2,561,993	3,021,697	158,486	52,187	28,859	88,550
GEORGETOWN (MUYAH BAY)-----	677,959	463,020	55,027	-----	-----	53,856	106,256	-----
TENNESSEE								
CHATTANOOGA-----	2,521,823	-----	-----	21	300	2,464,169	57,333	-----
KNOXVILLE-----	351,719	-----	-----	-----	-----	248,659	102,825	230
MEMPHIS-----	11,200,918	-----	-----	-----	-----	8,323,166	2,743,794	133,950
PORT OF NASHVILLE-----	3,655,015	-----	-----	-----	-----	3,484,859	170,156	-----
TEXAS								
BEAUMONT-----	29,758,759	5,577,188	4,375,357	3,745,363	2,931,564	7,757,803	4,994,838	376,640
BROWNSVILLE-----	1,234,039	135,396	239,109	-----	55,227	749,410	54,897	-----
CORPUS CHRISTI-----	51,239,602	25,061,834	4,358,682	238,212	10,117,832	2,331,922	7,804,916	1,326,200
FREEPORT HARBOR-----	13,980,280	4,108,713	1,399,443	3,446,236	384,431	2,899,760	1,668,317	83,370
GALVESTON (GALVESTON CHANNEL)-----	8,684,216	642,996	5,696,710	407,655	1,248,196	543,112	142,747	2,800
HARBOR ISLAND-----	2,329,205	1,953,320	-----	-----	-----	17,647	358,238	-----
HOUSTON (HOUSTON SHIP CHANNEL)-----	112,546,187	34,557,913	22,945,952	5,389,147	7,346,64	17,493,909	14,880,321	9,932,290
MATAGORDA SHIP CHANNEL-----	4,995,099	3,596,583	250,487	-----	-----	373,120	774,900	-----
ORANGE-----	771,673	-----	21	-----	-----	703,105	68,547	-----
PORT ARTHUR-----	20,615,945	9,697,167	3,019,388	866,134	2,082,728	1,460,609	3,456,550	33,360
PORT ISABEL-----	298,789	-----	105	-----	-----	91,327	207,357	-----
SABINE PASS HARBOR-----	722,151	5	3,920	-----	-----	288,120	429,356	750
TEXAS CITY (TEXAS CITY CHANNEL)-----	37,233,420	16,793,110	2,004,052	4,719,319	3,939,180	4,515,415	5,042,771	219,570
VICTORIA-----	3,655,454	-----	-----	-----	-----	1,399,866	2,255,588	-----
VIRGINIA								
NORFOLK HARBOR-----	39,993,313	4,735,904	25,254,212	1,086,971	1,968,310	3,879,550	2,304,158	764,200
PORT OF HOPEWELL-----	1,214,934	50,160	338,785	7,070	124,944	314,243	379,712	-----
PORT OF NEWPORT NEWS-----	19,264,649	1,016,558	15,722,082	504,653	254,669	597,424	1,147,282	21,980
PORT OF RICHMOND-----	2,678,925	235,157	182,253	279,435	202,544	1,149,861	630,075	-----
WASHINGTON								
ANACORTES HARBOR-----	13,687,075	1,713,101	1,030,564	8,127,793	1,512,453	504,716	764,388	34,060
BELLINGHAM BAY AND HARBOR-----	2,103,829	571,289	638,875	190,005	305,699	216,372	181,589	-----
EVERETT HARBOR AND SKOMISH RIVER-----	7,200,173	541,518	2,002,323	-----	672	1,890,183	678,566	2,086,900
GRAYS HARBOR AND CEMHALIS RIVER-----	4,339,384	2,468	3,584,581	33,374	132,125	13,790	481,600	91,440
HAMMERSLEY INLET-----	414,953	-----	-----	-----	-----	8,804	406,149	-----
OLYMPIA HARBOR-----	911,484	20,627	405,656	-----	19,365	208,019	254,917	2,908
PORT ANGELES HARBOR-----	2,873,211	199,428	1,851,208	12,102	15,831	330,215	264,055	200,370
PORT GAMBLE HARBOR-----	641,897	-----	2,040	-----	95,894	320,717	223,246	-----
PORT OF KALAMA-----	6,326,167	59,075	5,804,971	-----	85,071	339,910	37,140	-----
PORT OF LONGVIEW-----	8,082,272	898,155	5,096,849	53,813	193,730	1,428,794	348,094	62,830
PORT OF VANCOUVER-----	4,275,129	797,930	1,579,632	25,265	24,628	1,731,120	116,554	-----
PORT TOWNSEND HARBOR-----	513,125	213,912	37,692	-----	-----	228,989	32,532	-----
SEATTLE HARBOR-----	18,552,750	5,423,270	5,767,502	1,342,727	916,161	3,264,556	992,217	946,310
TACOMA HARBOR-----	17,129,788	3,884,413	7,737,710	1,675,775	1,324,530	1,613,157	478,517	415,880
WEST VIRGINIA								
HUNTINGTON-----	18,722,337	-----	-----	-----	-----	304,523	16,417,814	-----
PUERTO RICO								
INTRATERRITORY								
MAYAGUEZ HARBOR-----	451,412	300,859	13,128	88,337	14,960	33,088	1,040	-----
PONCE HARBOR-----	671,234	472,042	116,195	46,675	-----	29,982	6,340	-----
SAN JUAN HARBOR-----	13,452,284	4,514,129	748,002	4,747,936	1,117,470	2,053,857	270,890	-----
VIRGIN ISLANDS								
CHRISTIANSTED HARBOR, ST. CROIX-----	486,213	293,497	66,432	649	15	125,578	46	-----
ST. THOMAS HARBOR-----	615,519	282,835	59,494	4,059	-----	224,615	44,516	-----

TABLE 3A--COMMERCE AT SELECTED AREAS, CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

AREA	NET TOTAL (DUPLICATIONS IN AREA ELIMINATED)	TOTAL	FOREIGN		DOMESTIC			
			IMPORTS	EXPORTS	COASTWISE	LAKELISE	INTERNAL	LOCAL
DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA								
BURLINGTON-FLORENCE-ROEBLING, N. J.,-----	-----	641,196	274,276	82	-----	-----	363,141	3,697
CAMDEN-GLOUCESTER, N. J.,-----	-----	7,885,736	2,796,254	1,382,852	1,268,616	-----	2,383,717	54,297
CHESTER, PA.,-----	-----	583,436	185,577	6,361	650	-----	390,848	-----
LOWER DELAWARE BAY, DEL.,-----	-----	15,190,567	3,523,053	7,090	384,226	-----	11,276,218	-----
MARCUS HOOK, PA., AND VICINITY-----	-----	28,154,337	16,545,059	30,738	3,671,044	-----	7,813,496	94,000
NEW CASTLE, DEL., AND VICINITY-----	-----	11,292,068	4,194,981	37,447	2,715,851	-----	4,343,439	350
PAULSBORO, N. J., AND VICINITY-----	-----	17,936,169	11,006,258	126,109	2,602,970	-----	4,026,319	172,513
PENN MANOR, PA., AND VICINITY-----	-----	2,557,764	2,325,107	15,065	10,871	-----	206,701	-----
PHILADELPHIA HARBOR, PA.,-----	-----	37,336,977	21,176,810	2,082,567	4,571,778	-----	8,573,357	932,465
THOMPSON POINT, N. J., AND VICINITY-----	-----	324,379	81,960	-----	59,239	-----	183,180	-----
TRENTON HARBOR, N. J.,-----	-----	827,529	-----	-----	-----	-----	827,529	-----
WILMINGTON HARBOR, DEL.,-----	-----	3,464,008	2,309,039	230,258	154,684	-----	747,673	14,154
OTHER-----	-----	347,002	41,804	76,108	9,663	-----	216,892	535
TOTAL-----	108,074,912	126,541,168	64,460,178	4,004,697	15,449,592	-----	41,354,710	1,272,011
HAMPTON ROADS, VA.								
HAMPTON CREEK, VA.,-----	-----	565,537	-----	-----	-----	-----	565,465	72
NORFOLK HARBOR, VA.,-----	-----	39,993,313	4,735,904	25,254,212	3,055,281	-----	6,183,708	764,208
PORT OF NEWPORT NEWS, VA.,-----	-----	19,264,649	1,016,558	15,722,082	759,322	-----	1,744,706	21,981
TOTAL-----	59,491,077	59,823,499	5,752,462	40,976,294	3,814,603	-----	8,493,879	786,261
CORPUS CHRISTI BAY, TEX.								
CORPUS CHRISTI, TEX.,-----	-----	51,239,602	25,061,834	4,358,682	10,356,044	-----	10,136,838	1,326,204
HARBOR ISLAND, TEX.,-----	-----	2,329,205	1,953,320	-----	-----	-----	375,885	-----
TOTAL-----	53,539,806	53,568,807	27,015,154	4,358,682	10,356,044	-----	10,512,723	1,326,204
SAN FRANCISCO BAY, CALIF.								
CARQUINEZ STRAIT, CALIF.,-----	-----	18,436,857	1,214,927	2,287,593	10,942,012	-----	3,817,981	174,344
OAKLAND HARBOR, CALIF.,-----	-----	9,211,932	2,985,590	3,375,073	1,239,630	-----	1,611,631	-----
PETALUMA RIVER, CALIF.,-----	-----	1,675,340	-----	-----	-----	-----	1,675,340	-----
REDWOOD CITY, CALIF.,-----	-----	664,236	41,233	215,838	266,998	-----	140,169	-----
RICHMOND HARBOR, CALIF.,-----	-----	21,431,418	1,813,905	2,991,705	11,766,310	-----	4,619,260	240,238
SACRAMENTO RIVER, CALIF.,-----	-----	1,400,217	136,428	754,013	336,060	-----	152,916	20,800
SAN FRANCISCO HARBOR, CALIF.,-----	-----	2,822,999	1,062,960	1,013,835	3,635	-----	740,926	1,443
SAN JOAQUIN RIVER AND TRIBUTARIES-----	-----	3,650,206	972,555	1,803,723	240,385	-----	605,523	28,020
SAN PABLO BAY AND MARE ISLAND STRAIT, CALIF.,-----	-----	7,130,235	93,644	419,935	4,035,469	-----	2,581,187	-----
SUISUN BAY CHANNEL, CALIF.,-----	-----	4,018,707	-----	241,389	3,051,805	-----	725,513	-----
OTHER-----	-----	15,709,453	36,652	125,627	4,083,464	-----	11,193,297	270,413
TOTAL-----	72,307,845	86,151,602	8,357,894	13,228,731	35,965,976	-----	27,863,743	735,258
CHICAGO, ILL. AND IND.								
BUFFINGTON HARBOR, IND.,-----	-----	692,825	13,705	-----	-----	679,120	-----	-----
GARY HARBOR, IND.,-----	-----	7,265,788	-----	-----	-----	7,164,326	111,460	-----
INDIANA HARBOR, IND.,-----	-----	13,335,416	509,892	16,643	-----	12,293,380	489,731	25,770
PORT OF CHICAGO, ILL.,-----	-----	20,705,271	2,424,236	171,349	8,539	2,932,690	12,449,586	2,710,671
TOTAL-----	41,615,259	41,999,300	2,947,833	187,992	8,539	23,059,718	13,050,777	2,744,441

## NATIONAL SUMMARIES

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TABLE 4--COMMERCE AT SELECTED PORTS OF THE GREAT LAKES, CALENDAR YEAR 1947

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN				DOMESTIC						
		IMPORTS		EXPORTS		LAKEWISE		COASTWISE		INTERNAL	LOCAL	
		CANADIAN	OVERSEAS	CANADIAN	OVERSEAS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS			
ILLINOIS												
PORT OF CHICAGO	2,705,271	1,361,672	1,122,564	57,763	113,586	2,114,781	814,109			6,539	12,449,586	2,718,671
HAUKEGAN HARBOR	457,730					457,730						
INDIANA												
BUFFINGTON HARBOR	692,825											
BURNS WATERWAY HARBOR	7,093,196	799,139	251,581	28,126		5,245,432	79,747			689,171		
GARY HARBOR	7,265,788											7,265,788
INDIANA HARBOR	13,335,416	211,727	298,169	6,750	9,893	11,021,917	1,271,463			489,731		25,770
MICHIGAN												
ALABASTER	642,232											642,232
ALPENA HARBOR	1,069,440	2,418	22,706	6,500		511,600	1,425,624					
CALCITE	6,159,292											6,159,292
DRUMMOND ISLAND	1,515,950				519,300		996,650					
ESCANABA	6,112,919											6,112,919
GRAND HAVEN HARBOR AND GRAND RIVER	1,388,086	95,006		293,267	11,655	663,856	324,300					
HOLLAND HARBOR	113,937	17,928		16,292	16,136	261,581						
LUDINGTON HARBOR	894,477				5,104	674,156	215,217					
MARINE CITY	419,253	28,713				390,540						
MARQUETTE HARBOR	616,852					581,589	35,167					96
MARYSVILLE	440,089	131,675		13		308,401						
MONROE HARBOR	1,177,883	35,667	75,522	16,018		1,050,676						
MUSKEGON HARBOR	1,201,746	2,314	3,539		31,442	1,144,494	17,166			2,791		
ONTONAGON HARBOR	302,063					301,663				800		
PORT DOLOMITE	2,856,326											2,856,326
PORT GIPSON	430,751											430,751
PORT HURON	539,053	42,452	4,164	31,933	4,618	455,686						
PORT INLAND	3,173,394											3,173,394
PORT OF DETROIT	14,129,644	887,433	614,963	221,328	306,673	11,307,629	698,299	531				93,588
PRESQUE ISLE HARBOR	9,332,567			4,069,445	132,209	1,907,624	3,223,289					
ST. CLAIR	6,449,794					6,449,794						
ST. JOSEPH HARBOR	492,392					492,392						
STONEPORT	6,185,999											6,185,999
TRAVERSE CITY HARBOR	253,225					253,225						
MINNESOTA												
DULUTH - SUPERIOR HARBOR	36,462,867	436,555	66,480	1,774,857	2,526,394	1,527,930	29,476,637					654,014
TACONITE HARBOR	7,555,009											7,555,009
TWO HARBORS (AGATE BAY)	7,414,003						7,413,946					
NEW YORK												
OSWEGO HARBOR	446,811	332,113	7,603		893	20,294				85,908		
PORT OF BUFFALO	1,412,244	77,790	3,900	9,163	12,974	1,202,129	106,268					
OHIO												
ASHTABULA HARBOR	8,884,069	505,249	159,863	4,857,846	45,026	2,094,987	1,225,094					
CLEVELAND HARBOR	13,914,047	1,901,573	541,529	171,844	43,170	10,753,302	502,300					
CONNEAUT HARBOR	7,046,570	111,265	21	4,265,422		1,006,049	861,773					
FAIRPORT HARBOR	2,077,272	25,655		26,616	26,144	1,536,540	370,491					94,426
HURON HARBOR	529,031	23,474		30,380		475,177						
LORAIN HARBOR	14,372,412	54,085				6,406,418	5,664,837					247,072
MARBLEHEAD	1,098,332											1,098,332
SANDUSKY HARBOR	3,319,468				147	274,412	759,080					
TOLEDO HARBOR	1,211,727	1,160,899	368,049	4,990,016	1,313,949	3,691,258	4,319,085					161,615
PENNSYLVANIA												
ERIE HARBOR	971,320	93,123	38,973		19,760	578,611						240,653
WISCONSIN												
DULUTH - SUPERIOR HARBOR	36,462,867	436,555	66,480	1,774,857	2,526,394	1,527,930	29,476,637					654,014
GREEN BAY HARBOR	1,431,203	96,419	83,690		48,453	1,207,241						
MILWAUKEE	2,161,038	378,985	116,923	179,555	575,523	902,652	8,000					
SHEBOYGAN HARBOR	843,185	30,165	3,293			416,281	393,446					

\* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED



TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1987  
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
ANACOSTIA RIVER, D. C.	464,124	928	2
APPOMATTOX RIVER, VA.	1,454,416	12,732	9
ATLANTIC INTRACOASTAL WATERWAY <sup>1</sup>			
BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NET)	4,681,055	399,739	85
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA DISMAL SWAMP CANAL ROUTE	193,378	4,920	25
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA GREAT BRIDGE LOCK ROUTE	1,437,085	19,956	14
U. S. ARMY ENGINEER DISTRICT, WILMINGTON	3,080,732	249,460	81
U. S. ARMY ENGINEER DISTRICT, CHARLESTON	588,876	77,535	132
U. S. ARMY ENGINEER DISTRICT, SAVANNAH	605,631	38,991	64
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE	371,753	8,877	24
BAY RIDGE AND RED HOOK CHANNELS, N. Y.	1,788,981	4,036	2
BLACKWATER RIVER, VA.	390,715	5,079	13
BRETON BAY, MO.	884,317	5,306	6
BRONX RIVER, N. Y.	283,736	567	2
BUTTERMILK CHANNEL, N. Y.	922,705	1,854	2
CAPE COD CANAL, MASS.	14,390,969	257,113	18
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	277,110	12,547	45
CHANNEL TO NEWPORT NEWS, VA.	25,944,209	129,699	5
CHELSEA RIVER, MASS.	10,126,320	27,699	3
CHOPTANK RIVER, MD.	367,268	5,245	14
CHODAN RIVER, N. C.	392,423	18,500	47
CONEY ISLAND CHANNEL, N. Y.	2,263,521	2,264	1
CONNECTICUT RIVER BELOW HARTFORD, CONN.	1,255,696	48,281	38
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	48,900	3,965	81
DELAWARE RIVER <sup>1</sup>			
TRENTON, N. J., TO THE SEA (NET)	110,278,964	8,499,249	77
AT CANDEN, N. J.	4,308,176	#	-----
BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.	8,938,526	142,162	16
PHILADELPHIA, PA., TO THE SEA	110,028,852	8,357,087	76
EAST CHESTER CREEK, N. Y.	1,517,216	7,307	5
EAST RIVER, N. Y.	38,613,827	528,922	14
EAST ROCKAWAY INLET, N. Y.	1,075,477	1,075	1
FLUSHING BAY AND CREEK, N. Y.	1,768,173	3,839	2
GOMANUS CANAL, N. Y.	575,873	890	2
GOMANUS CREEK CHANNEL, N. Y.	2,162,388	2,162	1
GRAVESEND BAY, N. Y.	2,153,441	2,359	1
HACKENSACK RIVER, N. J.	2,573,774	18,934	7
HAMPTON CREEK, VA.	565,537	1,685	3
HARLEM RIVER, N. Y.	681,909	2,687	4
HUDSON RIVER <sup>1</sup>			
DEEP WATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y. (NET)	20,840,622	1,451,942	70
MOUTH OF SPYITEN DUYNIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.	17,815,916	1,245,798	70
HUDSON RIVER CHANNEL, N. Y. AND N. J.	20,441,162	206,145	10
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD. - CHESAPEAKE AND DELAWARE CANAL	15,368,052	714,454	46
INTRACOASTAL WATERWAY <sup>1</sup>			
JACKSONVILLE TO MIAMI, FLA.	185,544	8,902	48
MIAMI TO KEY WEST, FLA.	494,917	29,805	60
JAMAICA BAY, N. Y.	2,981,915	35,948	12
JAMES RIVER, VA.	17,040,646	612,600	61
LOWER ENTRANCE CHANNELS, NEW YORK HARBOR, N. Y.	94,412,596	944,126	10
MIAMI RIVER, FLA.	617,270	1,851	3
MYSTIC RIVER, MASS.	3,998,816	4,044	1
NANTICOK RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.	353,111	11,818	33
HARROWS OF LAKE CHARLAIN, N. Y. AND VT.	215,842	5,885	18
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.	108,046,830	1,072,280	10
NEWARK BAY, N. J.	29,533,717	98,550	3
NEATOWN CREEK, N. Y.	2,708,621	4,346	2
NORTHEAST (CAPE FEAR) RIVER, N. C.	1,005,723	5,029	5
OCOQUAN CREEK, VA.	844,466	5,067	6
OSTER BAY, N. Y.	363,846	453	1
PAMlico AND TAR RIVERS, N. C.	2,446,100	62,530	26
PASSAIC RIVER, N. J.	7,414,292	11,718	2
PENOBSCOT RIVER, MAINE	1,297,074	18,203	14
PISCATAQUA RIVER, MAINE AND N. H.	3,561,620	12,435	4
POCONO RIVER, MD. AND VA.	194,620	5,264	16
POTOMAC RIVER BELOW WASHINGTON, D. C.	3,215,304	199,787	82
RAKITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL, N. J.	3,938,625	3,939	1
RAKITAN RIVER, N. J.	4,648,197	9,704	2
ROANOKE RIVER, N. C.	207,331	7,265	35
SCHUYLKILL RIVER, PA.	8,728,157	24,337	3
SHIPYARD RIVER, S. C.	1,518,974	1,519	1
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HANNEY	290,817	27,608	95
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.	718,722	5,749	8
THAMES RIVER, CONN.	292,802	1,693	6
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.	134,450,661	442,626	3
WESTCHESTER CREEK, N. Y.	258,177	621	2
WEYMOUTH FORK RIVER, MASS.	1,598,665	12,641	8
WICOMICO RIVER (EASTERN SHORE), MD.	971,002	23,949	25
WILMINGTON HARBOR, N. C. (SEE PORT OF WILMINGTON, N. C., FOR PORT DATA)	7,924,981	187,079	24
Woods HOLE CHANNEL, MASS.	329,534	330	1
YORK RIVER, VA.	5,062,381	44,597	9
CALUMET - SAG CHANNEL, ILL.	6,127,480	134,987	22
CHANNELS IN LAKE ST. CLAIR, MICH.	58,520,862	#	-----
CHICAGO RIVER (MAIN AND NORTH BRANCH), ILL.	1,813,806	2,819	2
CHICAGO RIVER (SOUTH BRANCH), ILL.	2,371,064	9,542	4
CHICAGO SANITARY AND SHIP CANAL, ILL.	18,598,820	277,460	14
DETROIT RIVER, MICH.	62,688,583	1,659,972	26
GRAYS REEF PASSAGE, MICH.	3,464,160	#	-----

<sup>1</sup> INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA.

# INCLUDED IN ST. CLAIR RIVER, MICH.

\* TON-MILES NOT REPORTED.

## NATIONAL SUMMARIES

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TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1987--CONTINUED  
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
ILLINOIS WATERWAY, ILL.-----	41,411,729	7,985,057	193
NIAGARA RIVER, N.Y.-----	341,980	1,645	5
ROUGE RIVER, MICH.-----	7,161,701	*	-----
SAGINAW RIVER, MICH.-----	4,342,102	*	-----
ST. CLAIR RIVER, MICH.-----	65,395,719	2,276,999	33
ST. MARYS FALL CANAL, MICHIGAN AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CANADA-----	62,459,896	*	-----
ST. MARYS RIVER, MICH.-----	61,474,568	3,670,971	60
ALABAMA - COOSA RIVERS, ALA. AND GA.-----	2,179,917	245,044	112
APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA. AND FLA.-----	911,361	86,357	95
ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO-----	5,418,400	193,492	36
BARATARIA BAY WATERWAY, LA.-----	830,657	17,293	21
BAYOU CASDITE, MISS.-----	26,007,471	121,472	5
BAYOU LAFOURCHE AND LAFOURCHE - JUMP WATERWAY, LA.-----	969,451	17,127	17
BAYOU LITTLE CAILLON, LA.-----	1,137,423	3,657	3
BAYOU TACHE AND VERMILION RIVER, LA.-----	857,284	13,236	15
BAYOU TACHE, LA.-----	1,050,445	40,717	39
BAYOU TERREBOUVE, LA.-----	166,215	2,776	17
BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.-----	16,757,982	5,861,032	232
BRASSO ISLAND HARBOR, TEX. (WATERWAY)-----	1,532,828	*	-----
CALCASIEU RIVER AND PASS, LA.-----	31,730,771	537,800	26
CHANNEL TO PALACIOS, TEX.-----	4,995,099	124,894	25
CHANNEL TO VICTORIA, TEX.-----	3,655,454	100,105	27
CHICKASAW CREEK, ALA.-----	5,695,509	11,730	2
CHOCOLATE BAYOU, TEX.-----	2,750,380	24,314	9
COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.-----	693,685	10,406	15
CORPUS CHRISTI SHIP CHANNEL, TEX.-----	53,539,806	1,177,679	22
DICKINSON BAYOU, TEX.-----	420,062	3,605	9
ESCAMBIA AND CONEJO RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.-----	2,401,110	48,525	20
FRESHWATER BAYOU, LA.-----	244,551	4,084	17
GULF COUNTY CANAL, FLA.-----	2,406,286	14,630	5
GULF INTRACOASTAL WATERWAY: BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER-----	107,032,420	19,149,498	179
MORGAN CITY - PORT ALLEN ROUTE-----	19,682,661	1,179,912	60
MOUNA NAVIGATION CANAL, LA.-----	1,411,693	31,902	23
INNERHARBOR NAVIGATION CANAL, LA.-----	7,558,379	20,932	3
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLUTE RIVER, FLA.-----	749,041	23,646	32
JOHNSON BAYOU, LA.-----	587,745	2,336	4
LAKE PONTCHARTRAIN, LA.-----	1,672,538	35,123	21
MATAGORDA SHIP CHANNEL, TEX.-----	4,995,099	124,894	25
MENTALIA RIVER, BAYOUS NEZPIQUE AND DES CAYNES, LA.-----	1,360,837	43,233	32
MENTALIA RIVER, LA.-----	1,396,752	35,061	25
NEECHOWEE WATERWAY, FLA.-----	675,656	16,679	25
PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.-----	1,574,999	6,805	4
SABINE - NECHES WATERWAY, TEX.-----	79,741,723	2,090,217	26
SAN BERNARD RIVER, TEX.-----	360,272	9,367	26
ST. MARKS RIVER, FLA.-----	889,326	9,777	11
THREE MILE CREEK, ALA.-----	356,641	401	1
TRIBUTARY ARROYO COLORADO, TEX.-----	718,645	18,014	25
WATERWAY CONNECTING TOMBIGBEE AND TENNESSEE RIVERS, ALA. AND MISS.-----	3,647,320	684,211	188
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----	979,288	3,690	4
WATSON BAYOU, FLA.-----	763,265	1,190	2
ALLEGHENY RIVER, PA., (IMPROVED PORTION)-----	3,894,232	58,785	15
ATCHAFALAYA RIVER, LA.-----	12,600,012	864,462	70
BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS-----	7,479,630	14,959	2
BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA.-----	8,182,171	42,298	5
CLINCH AND EMORY RIVERS, TENN.-----	250,714	1,265	5
CUMBERLAND RIVER: MOUTH TO MILE 552 (NET)-----	15,289,601	1,460,954	96
MOUTH TO NASHVILLE, TENN.-----	15,278,684	1,424,966	91
NASHVILLE, TENN., TO MILE 552-----	741,636	35,988	48
GREEN AND BARREN RIVERS, KY.-----	9,521,784	688,466	72
HIWASSEE RIVER, TENN.-----	1,015,560	18,795	19
ILLINOIS RIVER, ILL.-----	38,431,170	7,613,068	198
KANAWHA RIVER, W. VA.-----	16,237,940	1,025,482	63
KASKASKIA RIVER, ILL.-----	2,781,537	67,379	24
KENTUCKY RIVER, KY.-----	106,100	6,897	65
LITTLE KANAWHA RIVER, W. VA.-----	635,489	1,789	3
LITTLE RIVER, LA.-----	281,982	28,480	101
MCCLELLAN - KERR ARKANSAS RIVER NAVIGATION SYSTEM-----	7,915,037	1,669,108	211
MINNESOTA RIVER, MINN.-----	3,309,655	47,138	14
MISSISSIPPI RIVER - GULF OUTLET, LA.-----	7,702,792	466,450	61
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF PASSES (NET)-----	425,004,514	179,914,104	423
MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	81,617,560	15,242,571	187
MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	104,691,828	17,660,486	171
MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	167,759,000	104,547,786	623
BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	289,380,806	20,334,504	70
NEW ORLEANS, LA., TO MOUTH OF PASSES-----	255,972,635	21,928,758	86
MISSOURI RIVER: FORT BENTON, MONT., TO THE MOUTH (NET)-----	6,735,968	1,057,526	157
KANSAS CITY TO THE MOUTH-----	6,315,934	769,223	122
OMAHA TO KANSAS CITY-----	1,564,692	251,432	161
SIOUX CITY TO OMAHA-----	429,472	36,872	86
MONONGAMELA RIVER, PA. AND W. VA.-----	32,872,525	1,366,807	42
MOUTH OF YAZOO RIVER, MISS.-----	1,681,051	7,465	4

\* TON-MILES NOT REPORTED.

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1987--CONTINUED  
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
OHIO RIVER, PITTSBURGH TO MOUTH-----	197,173,079	48,671,839	247
QUACHITA AND BLACK RIVERS, ARK. AND LA.-----	1,198,933	113,111	94
RED RIVER BELOW FULTON, ARK.-----	3,718,771	317,172	85
TENNESSEE RIVER, TENN., ALA. AND KY.-----	41,706,005	6,418,418	154
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.-----	436,192	51,088	117
WOLF RIVER, TENN.-----	1,353,078	3,499	3
YAZOO RIVER, MISS.-----	371,516	25,819	69
CARQUINEZ STRAIT, CALIF.-----	27,345,013	186,438	7
COEUR D'ALENE LAKE AND ST. JOE RIVER, IDAHO-----	569,470	10,875	19
MOUTH TO INTERNATIONAL BOUNDARY (NET)-----	45,726,180	4,868,318	106
AT BAKER BAY, WASH.-----	6,654	7	1
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WASH., AND PORTLAND, OREG.-----	45,662,083	3,330,506	73
VANCOUVER, WASH., TO THE DALLES, OREG.-----	9,235,986	614,104	66
COLUMBIA RIVER ABOVE THE DALLES DAM, WASH. AND OREG., TO McNARY LOCK, WASH.-----	6,972,064	672,317	96
COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEDICK, WASH.-----	6,423,567	249,325	39
BETWEEN WENATCHEE AND KETTLE FALLS, WASH.-----	206,612	2,066	10
COLUMBIA RIVER <sup>1</sup> -----			
COOS AND MILLICOMA RIVERS, OREG.-----	980,536	7,949	8
LAKE WASHINGTON SHIP CANAL, WASH.-----	1,620,400	*	-----
MULTNOMAH CHANNEL, OREG.-----	1,182,378	7,342	6
OLD RIVER, CALIF.-----	132,330	3,270	25
PETALUMA RIVER, CALIF.-----	1,675,340	2,778	2
SACRAMENTO RIVER DEEP WATER SHIP CHANNEL, CALIF.-----	1,220,070	49,355	40
SACRAMENTO RIVER, CALIF.-----	1,400,217	52,304	37
SAN JOAQUIN RIVER, CALIF.-----	3,771,086	70,557	19
SAN PABLO AND MARE ISLAND STRAIT, CALIF.-----	34,744,637	383,310	11
BERGUIS AND WHITESTONE narrows, ALASKA-----	785,631	*	-----
SKAGIT RIVER, WASH.-----	244,856	2,931	12
SNAKE RIVER, OREG., WASH., AND IDAHO-----	4,644,925	400,738	86
SUISUN BAY CHANNEL, CALIF.-----	9,038,239	74,664	8
SWINOMISH CHANNEL, WASH.-----	1,643,098	4,771	3
YUMPUA RIVER, OREG.-----	368,438	5,352	15
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OREG.-----	2,619,975	12,765	5
WYNGELL narrows, ALASKA-----	874,667	20,816	24
YUKON RIVER, ALASKA-----	41,364	14,491	350

\* TON-MILES NOT REPORTED.

TABLE 6--TON-MILEAGE OF FREIGHT CARRIED ON THE INLAND WATERWAYS OF THE UNITED STATES, BY SYSTEM, CALENDAR YEARS 1986-1987  
(000 OMITTED)

SYSTEM	1986	1987
ATLANTIC COAST WATERWAYS-----	25,660,089	25,875,650
GULF COAST WATERWAYS-----	38,975,691	37,900,545
PACIFIC COAST WATERWAYS-----	20,772,207	22,840,744
MISSISSIPPI RIVER SYSTEM, INCLUDING OHIO RIVER AND TRIBUTARIES-----	239,287,184	251,577,202
GREAT LAKES SYSTEM-----	67,908,541	72,542,831
TOTAL-----	392,603,712	410,736,972

\* DOES NOT INCLUDE TRAFFIC BETWEEN FOREIGN PORTS.



# TON-MILES OF FREIGHT CARRIED ON THE WATERWAYS OF THE UNITED STATES, 1978 - 1987

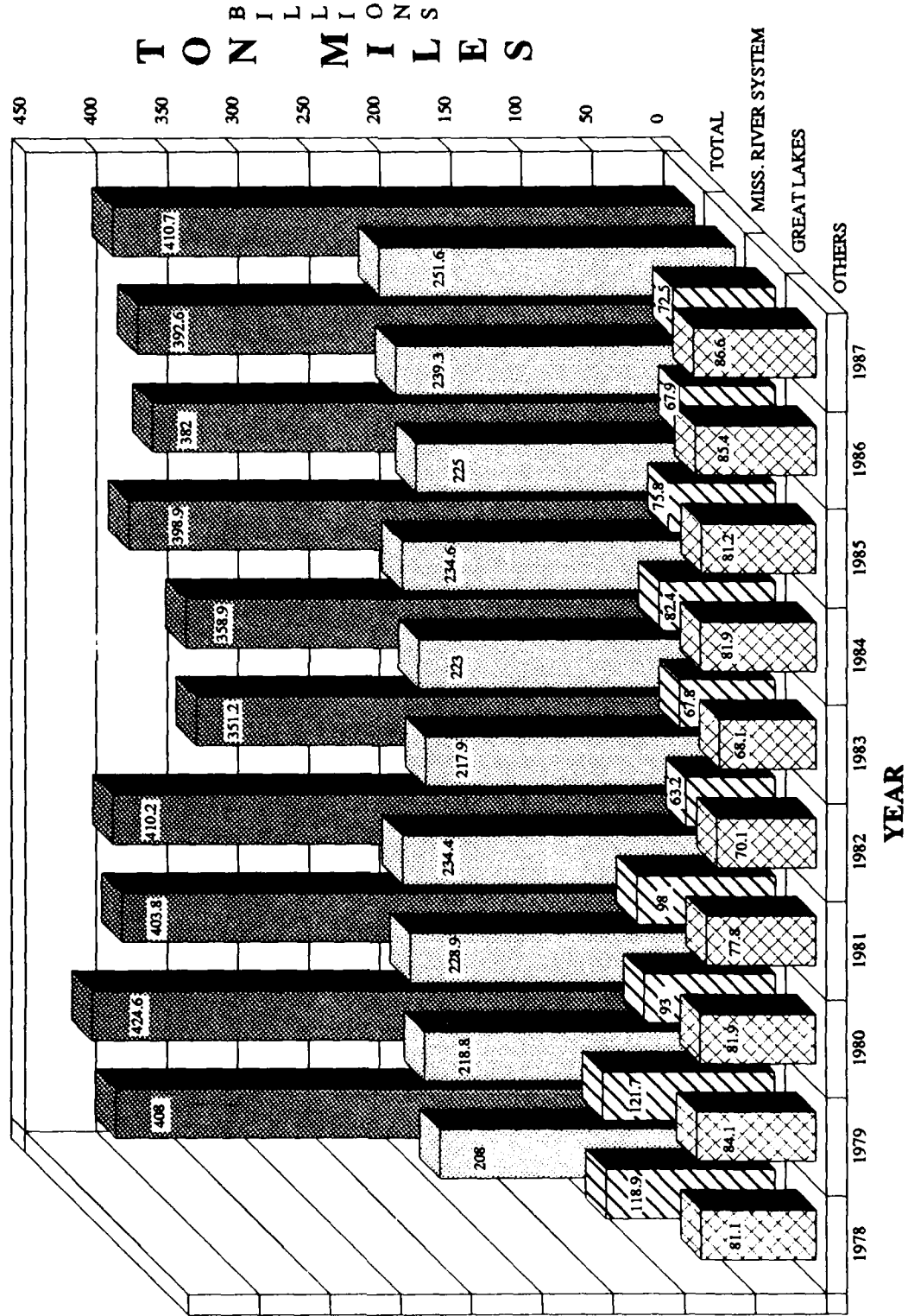


TABLE 8--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM,\* CALENDAR YEARS 1976-1987

(NET TRAFFIC)								
YEAR	FOREIGN AND COASTWISE TRAFFIC					INLAND TRAFFIC	GRAND TOTAL	
	FOREIGN		COASTWISE		TOTAL			
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS				
SHORT TONS								
1976	67,027,258	59,869,890	8,588,222	17,370,125	152,855,495	345,510,868	498,366,363	
1977	96,028,423	59,628,562	9,720,794	19,905,140	185,282,919	351,543,917	536,826,836	
1978	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	355,364,514	552,928,055	
1979	105,858,988	73,255,062	12,780,791	20,274,910	212,169,751	370,757,973	582,927,724	
1980	90,772,105	86,290,660	17,768,198	23,811,964	218,642,927	365,569,149	584,212,076	
1981	80,094,423	98,269,761	21,553,015	23,189,745	223,106,944	362,930,042	586,036,986	
1982	56,708,090	100,756,368	14,659,479	20,047,301	192,171,238	347,474,116	539,645,354	
1983	32,320,125	95,753,623	18,317,757	20,782,583	167,184,088	351,953,271	519,137,359	
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	356,564,087	513,524,864	
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	378,852,148	527,808,570	
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	402,801,874	556,399,441	
1987	38,087,066	93,698,566	17,941,514	19,505,233	169,222,369	414,175,845	583,398,214	
TON-MILES (000 OMITTED)								
1976	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	164,839,947	189,496,359	
1977	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	166,923,758	196,835,617	
1978	16,771,655	10,103,652	2,707,942	2,740,761	32,324,013	170,483,653	208,807,666	
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	184,436,341	218,776,279	
1980	15,135,789	12,965,425	3,550,956	3,786,062	35,438,232	193,492,234	228,930,466	
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	199,050,733	234,426,986	
1982	8,803,571	15,130,210	2,955,205	3,211,367	30,100,353	187,890,327	217,990,680	
1983	5,095,571	14,631,875	3,565,169	3,091,935	26,384,550	196,680,195	223,064,745	
1984	5,225,849	13,130,115	3,539,022	2,436,699	24,331,685	210,297,576	234,629,261	
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	201,584,645	224,714,120	
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	215,179,481	239,293,452	
1987	5,940,488	14,197,880	3,566,664	2,414,511	26,119,543	225,452,436	251,571,979	

\* INCLUDES THE MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

TABLE 9--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER FROM MINNEAPOLIS, MINN., TO THE MOUTH OF PASSES, CALENDAR YEARS 1976-1987

YEAR	(NET TRAFFIC)						INLAND TRAFFIC	GRAND TOTAL
	FOREIGN AND COASTWISE TRAFFIC							
	FOREIGN		COASTWISE		TOTAL			
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS				
SHORT TONS								
1976	67,027,258	59,869,890	8,588,222	17,370,125	152,855,495	203,328,232	356,183,727	
1977	96,028,423	59,628,562	9,720,794	19,905,140	185,282,919	211,488,297	396,771,216	
1978	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	215,502,119	413,065,660	
1979	105,858,988	73,255,062	12,780,791	20,274,910	212,169,751	218,000,928	430,170,679	
1980	90,772,105	86,290,660	17,768,198	23,811,964	218,642,927	222,901,151	441,544,078	
1981	80,094,423	98,269,761	21,553,015	23,189,745	223,106,944	223,275,410	446,382,354	
1982	56,708,090	100,756,368	14,659,479	20,047,301	192,171,238	215,427,418	407,598,656	
1983	32,320,125	95,753,623	18,317,757	20,782,583	167,184,088	224,951,345	392,135,433	
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	240,389,289	397,346,066	
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	235,007,687	383,964,109	
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	246,386,276	399,983,743	
1987	38,087,066	93,698,566	17,941,514	19,505,233	169,222,369	255,782,149	425,004,518	
TON-MILES (000 OMITTED)								
1976	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	110,584,437	135,220,849	
1977	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	109,554,793	139,466,652	
1978	16,771,655	10,103,652	2,707,945	2,740,761	32,324,013	118,165,016	150,489,029	
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	120,669,620	155,009,558	
1980	15,135,789	12,965,425	3,550,956	3,786,062	35,438,232	133,294,646	168,732,874	
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	136,972,272	172,348,525	
1982	8,803,571	15,130,210	2,955,205	3,211,367	30,100,353	131,592,212	161,692,565	
1983	5,095,571	14,631,875	3,565,169	3,091,935	26,384,550	139,898,494	166,273,044	
1984	5,225,849	13,130,115	3,539,022	2,436,699	24,331,685	146,158,709	170,520,393	
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	135,360,450	158,489,955	
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	141,944,845	166,058,816	
1987	5,940,488	14,197,880	3,566,664	2,414,511	26,119,543	153,794,561	179,914,104	

CALENDAR YEAR 1987  
(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY	TOTAL		
FARM PRODUCTS								
0101 COTTON, RAW-----			4,510			4,510	57.2	7,888
0102 BARLEY AND RYE-----	111		765,103			765,214	100.0	765,214
0103 CORN-----	164,890		31,176,334	1,484		31,342,708	99.9	31,345,953
0104 OATS-----	2,341		210,729			213,070	99.4	214,255
0105 RICE-----	7,959		1,021,785			1,029,744	92.6	1,111,893
0106 SORGHUM GRAINS-----			1,964,109			1,964,109	99.8	1,968,304
0107 WHEAT-----	208,724		9,857,143	15,158		10,081,025	94.5	10,671,675
0111 SOYBEANS-----	3,347		18,067,964	9,913		18,081,224	99.9	18,082,918
0112 FLAXSEED-----								100
0119 OILSEEDS, NEC-----	338		30,442			30,780	96.6	31,877
0121 TOBACCO, LEAF-----								2,455
0122 HAY AND FODDER-----	2,116		24,683			26,799	94.5	28,368
0129 FIELD CROPS, NEC-----	385		52,355	108		52,848	83.2	63,510
0131 FRESH FRUITS-----	220,687					220,687	61.6	358,096
0132 BANANAS AND PLANTAINS-----								12,229
0133 COFFEE-----	319					319	4	54,844
0134 COCOA BEANS-----								4,511
0141 FRESH AND FROZEN VEGETABLES-----	24,486		22,144			46,630	13.4	348,589
0151 LIVE ANIMALS-----	68,896					68,896	96.0	71,793
0161 ANIMALS AND PRODUCTS, NEC-----	428		2,235			2,663	12.8	20,886
0191 MISCELLANEOUS FARM PRODUCTS-----	15,122		2,674			17,796	76.4	23,296
FOREST PRODUCTS								
0841 CRUDE RUBBER AND ALLIED GUMS-----								1,071
0861 FOREST PRODUCTS, NEC-----	4,580					4,580	4.4	103,732
FRESH FISH & OTHER MARINE PRODUCTS								
0911 FRESH FISH, EXCEPT SHELLFISH-----	181		100			281		897,129
0912 SHELLFISH, EXCEPT PREPARED-----	540					540	.1	503,637
0913 MENHADEN-----								24
0931 MARINE SHELLS, UNMANUFACTURED-----			3,498,197			3,498,197	90.2	3,878,501
METALLIC ORES								
1011 IRON ORE AND CONCENTRATES-----	386	1,958,568	1,851,605	26,250		3,836,803	7.6	50,307,441
1021 COPPER ORE AND CONCENTRATES-----			66,427			66,427	100.0	66,427
1051 ALUMINUM ORES, CONCENTRATES-----			280,927			280,927	100.0	280,927
1061 MANGANESE ORES, CONCENTRATES-----		500	338,232	1,400		340,132	99.9	340,468
1091 NONFERROUS ORES, CONCENT, NEC-----	411		435,996			436,407	99.4	438,845
COAL								
1121 COAL AND LIGNITE-----	8,157,231	96,818	157,862,294	3,764,088		169,880,431	89.1	190,626,751
CRUDE PETROLEUM								
1311 CRUDE PETROLEUM-----	1,012,072	2,528	37,205,228	2,360,098	6,340	40,586,266	20.0	203,109,101
NONMETALLIC MINERALS, EXCEPT FUELS								
1411 LIMESTONE-----	159	90,778	5,569,658	9,921		5,670,516	21.1	26,818,714
1412 BUILDING STONE, UNWORKED-----								1,107
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,374,912		53,978,825	7,731,085	2,500	64,087,322	98.5	65,065,552
1451 CLAY-----	1,386		712,677	60,491		774,554	96.5	895,310
1471 PHOSPHATE ROCK-----	6,444,023		54,508			6,498,531	100.0	6,498,531
1479 NATURAL FERTILIZER MATS, NEC-----			4,269			4,269	100.0	4,269
1482 SULPHUR, DRY-----	27,288					27,288	100.0	27,288
1493 SULPHUR, LIQUID-----			2,808,862	89,954		2,898,816	43.8	6,623,686
1494 GYPSUM, CRUDE AND PLASTERS-----	7,239		406,169			413,408	27.9	1,483,248
1499 NONMETALLIC MINERALS, NEC-----	86,148	1,720	3,952,673	64,689		4,105,230	82.8	4,958,257

## NATIONAL SUMMARIES

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TABLE 10--DOMESTIC BARGE TRAFFIC\* COMMODITY BY TYPE OF TRAFFIC--CONTINUED

CALENDAR YEAR 1967

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT RANGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKELISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
TOBACCO PRODUCTS								
2111 TOBACCO MANUFACTURES-----	9,328					9,328	39.4	23,796
BASIC TEXTILES								
2211 BASIC TEXTILE PRODUCTS-----	1,661		23,780	4		25,445	36.3	70,185
2212 TEXTILE FIBERS, NEC-----	21		6,684			6,705	46.1	14,553
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT								
2311 APPAREL-----	12,131					12,131	4.8	252,650
LUMBER & WOOD PRODS., EXC. FURNITURE								
2411 LOGS-----	921		619,291	2,625		622,837	99.8	624,172
2412 RAFTED LOGS-----								13,391,224
2413 FUEL WOOD, CHARCOAL, WASTES-----	4,168		130,433			134,601	91.3	147,428
2414 TIMBER, POSTS, POLES, PILING-----	21,957		14,145	3,193		39,295	91.7	42,843
2415 PULPMOOD, LOG-----			3,532,762	7,000		3,539,762	99.9	3,540,112
2416 WOOD CHIPS, STAVES, MOLDINGS-----			3,259,954	44,620		3,304,574	99.9	3,304,623
2421 LUMBER-----	1,192,838		37,679	28		1,230,545	89.6	1,373,953
2431 VENEER, PLYWOOD, WORKED WOOD-----	45,661		48,228	507		94,396	65.2	144,773
2491 WOOD MANUFACTURES, NEC-----	124,471		3,614	50		128,135	73.6	174,080
FURNITURE & FIXTURES								
2511 FURNITURE AND FIXTURES-----	44,486		85			44,571	20.4	218,939
PULP, PAPER & ALLIED PRODUCTS								
2611 PULP-----	68,148		612,266			680,414	96.5	704,752
2621 STANDARD NEWSPRINT PAPER-----	9,620		40,028			49,648	69.1	71,802
2631 PAPER AND PAPERBOARD-----	13,338		391,066	409		404,813	65.1	622,215
2691 PULP AND PAPER PRODUCTS, NEC-----	151,515		990,888	7,149		1,149,552	83.7	1,372,688
PRINTED MATTER								
2711 PRINTED MATTER-----	6,430					6,430	30.2	21,270
CHEMICALS & ALLIED PRODUCTS								
2810 SODIUM HYDROXIDE-----	921,915		4,237,229	238,038		5,397,182	94.7	5,696,842
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	8,413	23,069	1,268,062	139,493		1,439,037	97.0	1,483,597
2812 DYES, PIGMENT, TANNING MATS-----								906
2813 ALCOHOLS-----	35,442		3,899,357	707,426		4,642,225	87.5	5,305,626
2816 RADIOACTIVE MATERIALS, WASTES-----	19		1,344			1,363	55.2	2,469
2817 BENZENE AND TOLUENE-----	40,047	38,254	4,452,732	1,492,547	3,874	6,027,654	93.2	6,468,125
2818 SULPHURIC ACID-----	98,048		1,539,070	532,540		2,169,658	99.9	2,172,400
2819 BASIC CHEMICALS AND PROD, NEC-----	1,128,992	63,805	19,856,635	2,133,126		23,182,558	84.7	27,374,260
2821 PLASTIC MATERIALS-----	2,990		5,578			8,568	7.2	118,488
2822 SYNTHETIC RUBBER-----			58,589			58,589	81.8	71,587
2823 SYNTHETIC (MAN-MADE) FIBERS-----								4,582
2831 DRUGS-----	28					28	.1	37,451
2841 SOAP-----	2,538		5,666			8,204	5.5	148,799
2851 PAINTS-----	1,528		5			1,533	4.9	31,385
2861 GUM AND WOOD CHEMICALS-----	25,394		330,251	6,630		362,275	86.1	420,679
2871 NITROGENOUS CHEM FERTILIZERS-----	552,146	37,976	4,700,300	42,870	6,000	5,339,292	99.0	5,394,261
2872 POTASSIC CHEM FERTILIZERS-----	135,294		1,417,633	17,631		1,570,558	99.9	1,570,675
2873 PHOSPHATIC CHEM FERTILIZERS-----	192,626		512,860	1,518		707,004	99.9	707,186
2876 INSECTICIDES, DISINFECTANTS-----	1,731		82			1,813	15.4	11,786
2879 FERTILIZER AND MATERIALS, NEC-----	1,034,686		5,005,353	29,755		6,069,794	99.7	6,089,746
2891 MISCELLANEOUS CHEMICAL PROD-----	70,514		364,179	8,001		442,694	68.2	648,706
PETROLEUM & COAL PRODUCTS								
2911 GASOLINE-----	23,999,522	407,611	27,344,493	9,195,880	416,635	61,364,141	75.5	81,326,982
2912 JET FUEL-----	2,531,672	25,969	4,360,259	344,998	362,769	7,625,667	73.6	10,358,034
2913 KEROSENE-----	382,014	1,242	802,678	320,292	9,379	1,515,604	61.4	2,468,424
2914 DISTILLATE FUEL OIL-----	12,053,996	280,184	17,533,459	10,645,570	828,007	41,341,216	72.9	56,715,453
2915 RESIDUAL FUEL OIL-----	9,917,532	328,587	35,769,333	23,988,703	2,276,124	72,280,279	79.4	90,979,409
2916 LUBRICATING OILS AND GREASES-----	238,761	42,000	2,697,965	258,627		3,237,353	55.3	5,854,194
2917 NAPHTHA, PETROLEUM SOLVENTS-----	375,333	1,400	4,091,161	1,177,630	642,655	6,288,179	83.4	7,541,043
2918 ASPHALT, TAR, AND PITCHES-----	3,229,065	432,222	5,878,685	735,798		10,275,770	95.0	10,817,191
2920 COKE, PETROLEUM COKE-----			4,275,830	433,357		4,709,187	94.3	4,995,151
2921 LIQUEFIED GASES-----	351,325		1,390,255	2,388		1,743,968	99.7	1,748,667
2951 ASPHALT BUILDING MATERIALS-----	6,589		3			6,592	29.0	22,706
2991 PETROLEUM AND COAL PROD, NEC-----	1,584,830		2,253,574	359,035		4,197,439	96.1	4,367,299
RUBBER & MISC. PLASTIC PRODUCTS								
3011 RUBBER AND MISC PLASTIC PROD-----	68,222		169			68,391	37.6	182,050
LEATHER & LEATHER PRODUCTS								
3111 LEATHER AND LEATHER PRODUCTS-----	13,022					13,022	46.9	27,747
STONE, CLAY, GLASS, & CONCRETE PROD.								
3211 GLASS AND GLASS PRODUCTS-----	8,890		5,862			14,752	36.5	40,386
3241 BUILDING CEMENT-----	1,620,440		6,112,861	669,324		8,402,625	72.8	11,536,949

\*NON-SELF PROPELLED VESSELS.



TABLE 10--DOMESTIC BARGE TRAFFIC\* COMMODITY BY TYPE OF TRAFFIC--CONTINUED

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
STONE, CLAY, GLASS, & CONCRETE PROD. (CONTINUED)								
3251 STRUCTURAL CLAY PRODUCTS-----	1,477		9,458			10,935	13.4	81,621
3271 LIME-----	2,094		1,368,143			1,370,237	99.9	1,370,959
3281 CUT STONE AND STONE PRODUCTS-----	686		1,405			2,091	11.1	18,764
3291 MISC NONMETALLIC MINERAL PROD-----	53,180		147,840	4,420		205,440	62.5	328,546
PRIMARY METAL PRODUCTS								
3311 PIG IRON-----	166		170,078			170,244	99.9	170,280
3312 SLAG-----	14,593		708,197			722,790	50.7	1,424,572
3313 COKE, PET ASPHALTS, SOLVENTS-----								113
3314 IRON AND STEEL PRIMARY FORMS-----	5,837	53,877	1,509,120	11,585		1,580,419	99.6	1,586,977
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,793		1,839,778	5,163		1,867,734	97.5	1,914,852
3316 IRON AND STEEL PLATES, SHEETS-----	3,279		583,385	13,803		600,467	96.7	620,733
3317 IRON AND STEEL PIPE AND TUBE-----	22,114		566,169	6,414		594,697	51.8	1,147,497
3318 FERROALLOYS-----			914,729	7,212		921,941	98.6	935,207
3319 IRON AND STEEL PRODUCTS, NEC-----	21,290	7,230	368,820			397,340	95.4	416,454
3321 NONFERROUS METALS, NEC-----	20		9,762	120		8,902	63.6	13,994
3322 COPPER ALLOYS, UNWORKED-----	160		35,969	2,048		38,177	79.9	47,794
3323 LEAD AND ZINC, UNWORKED-----	18		83,236	1,055		84,309	97.7	86,294
3324 ALUMINUM AND ALLOYS, UNWORKED-----			71,002	1,068		72,070	86.3	83,464
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.								
3411 FABRICATED METAL PRODUCTS-----	1,199,421	72,453	68,475	22,248	17	1,362,614	79.9	1,706,458
MACHINERY, EXCEPT ELECTRICAL								
3511 MACHINERY, EXCEPT ELECTRICAL-----	134,890		119,370	8,61		262,932	36.0	730,465
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES								
3611 ELECTRICAL MACH AND EQUIP-----	22,840		6,171		510	29,521	23.2	127,446
TRANSPORTATION EQUIPMENT								
3711 MOTOR VEHICLES, PARTS, EQUIP-----	592,889		14,638	36		607,563	70.8	858,138
3721 AIRCRAFT AND PARTS-----	80		1,735			1,815	63.4	2,862
3731 SHIPS AND BOATS-----	16,917		2,723			19,640	84.5	23,252
3791 MISC TRANSPORTATION EQUIPMENT-----	92,038		1,417	43		93,498	97.5	95,880
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS								
3811 INSTR, TIME, PHOTO, OPT GOODS-----	24,686		158			24,844	70.5	35,255
MISC. PRODUCTS OF MANUFACTURING								
3911 MISC MANUFACTURED PRODUCTS-----	24,635		16,297	75		41,007	2.7	1,529,610
WASTE & SCRAP MATERIALS								
4011 IRON AND STEEL SCRAP-----	71,047		2,928,566	483,134		3,382,747	99.7	3,391,314
4012 NONFERROUS METAL SCRAP-----			10,930			10,930	50.7	21,563
4022 TEXTILE WASTE, SCRAP, SHEEP-----								4,908
4024 PAPER WASTE AND SCRAP-----	46					46	4.1	1,120
4029 WASTE AND SCRAP, NEC-----	211,813		13,336,593	5,652,871		19,201,277	84.4	22,763,037
SPECIAL ITEMS								
4111 WATER-----	7,675		18,786	38,950		65,411	7.5	899,290
4112 COMMODITIES, NEC-----	1,313,695	288	125,292	309,987		1,749,262	40.2	4,352,197
4119 EMPTY CONTAINERS-----	18,217		17,415	278		35,910	56.2	63,904
9999 DEPARTMENT OF DEFENSE AND SCI-----								
TOTAL-----	87,547,331	3,978,279	542,845,342	74,453,454	4,559,559	713,383,965	66.3	1,076,478,216
TOTAL DOMESTIC TRAFFIC-----	323,518,318	96,483,652	569,826,970	81,951,080	4,698,196	1,076,478,216	-----	-----
PERCENT BARGE TO TOTAL DOMESTIC-----	27.1	4.1	95.3	90.9	97.0	66.3	-----	-----

\*NON-SELF PROPELLED VESSELS.

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Section 2

DOMESTIC INLAND TRAFFIC  
AREAS OF ORIGIN AND DESTINATION  
OF PRINCIPAL COMMODITIES

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# DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES  
SHIPPING AREA BY RECEIVING AREA

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CALENDAR YEAR 1987  
(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
TOTAL, ALL SHIPPING AREAS-----	31,180,690	3,961,726	9,872,301	18,073,472	456,775	657,589
CHESAPEAKE BAY/ HAMPTON ROADS, VA.-----		2,838	1,289			
NANTICOKE RIVER, DEL. AND MD./ HAMPTON ROADS, VA.-----		11,268	1,515	1,325		
POTOMAC RIVER AND TRIBUTARIES/ HAMPTON ROADS, VA.-----			6,348			
RAPPAHANNOCK RIVER, VA./ CHESAPEAKE BAY-----	4,308		4,292	5,521		
HAMPTON ROADS, VA.-----			10,312			
TOTAL, SHIPPING AREA-----	4,308		14,604	5,521		
YORK RIVER, VA./ HAMPTON ROADS, VA.-----	6,445		18,046	19,335		
HAMPTON ROADS, VA./ HAMPTON ROADS, VA.-----				3,867		
ATLANTIC INTRACOASTAL WATERWAY/ DISMAL SWAMP CANAL ROUTE/ HAMPTON ROADS, VA.-----			16,757	12,890		
CROATON AND PAWLICO SOUNDS, N.C./ HAMPTON ROADS, VA.-----				1,340		
SAVANNAH RIVER, GA./ MANTUA CREEK, N.J.-----					4,653	
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ HARRIOR RIVER SYSTEM-----				1,400		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.-- GALVESTON BAY, TEXAS-----			16,600	31,253		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			1,455			
			4,896	3,842		
TOTAL, SHIPPING AREA-----			22,981	36,495		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ HARRIOR RIVER SYSTEM-----			9,368	5,958		
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----				1,345		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			3,477	5,946		
TOTAL, SHIPPING AREA-----			12,845	13,249		
HARRIOR RIVER SYSTEM/ HARRIOR RIVER SYSTEM-----			3,855	53,770		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.-- MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----				3,932		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			4,309	3,028		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		11,917	21,082	40,455		
TENNESSEE RIVER, TENN., ALA. AND KY.-----				26,142		
TOTAL, SHIPPING AREA-----		11,917	29,276	127,327		
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIOR RIVER SYSTEM-----			1,100	9,576		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----		7,402	1,300			
HARRIOR RIVER SYSTEM-----			2,207			
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.-- GALVESTON BAY, TEXAS-----			6,555			
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----	1,643	2,800		766		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,400	22,614	2,959	3,951		
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--						1,346
TOTAL, SHIPPING AREA-----	3,043	32,816	14,525	4,717		1,346
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	1,400					7,775
MENTHAU RIVER, BAYOU MEZPIQUE AND BAYOU DES CANNES, LA.-----						20,586
GALVESTON BAY, TEXAS-----	3,164			4,637	184,618	1,048
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----						
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,568		1,560	7,476	45,492	
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER--					8,444	1,097
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--						1,142
MISSOURI RIVER-----						6,091
ILLINOIS RIVER, ILL.-----						2,718
TOTAL, SHIPPING AREA-----	6,132		1,560	12,113	234,554	40,457
ATCHAFALAYA RIVER, LA./ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----	24,159			24,479		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	41,620		1,560	34,980		
TOTAL, SHIPPING AREA-----	65,779		1,560	59,459		

## Waterborne Commerce of the United States, 1987

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
OUCHITA AND BLACK RIVERS, ARK. AND LA./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	5,406	2,871		16,474		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW	14,819	82,753	12,914	106,343		
ORLEANS, LA.						
TOTAL, SHIPPING AREA	20,225	85,624	12,914	122,817		
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,770		
SABINE-NECHES WATERWAY, TEXAS						2,908
GALVESTON BAY, TEXAS			8,865			5,776
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS		69,085				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,491	2,576	4,397	10,374		6,042
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	9,577	8,957	6,241	137,187		
ARKANSAS RIVER, ARK.						3,869
TOTAL, SHIPPING AREA	11,068	80,618	15,503	149,331		18,591
CALCASIEU RIVER AND PASS, LA./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				33,798		
SABINE-NECHES WATERWAY, TEXAS/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		2,800		4,683		
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		1,400				
GALVESTON BAY, TEXAS/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		410	7,661			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.		7,915	20,672	2,732		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						1,364
TOTAL, SHIPPING AREA		8,525	28,333	2,732		1,364
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN						
BORDER/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			2,440		89,817	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/						
WARRIOR RIVER SYSTEM						2,978
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			27,672			
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.						5,028
SABINE-NECHES WATERWAY, TEXAS			1,539			
GALVESTON BAY, TEXAS						17,490
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			5,257			1,400
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	3,019	1,300	1,578	2,675		4,790
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,511					6,961
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,000		23,803
ARKANSAS RIVER, ARK.				1,400		12,105
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						10,183
MISSOURI RIVER						7,878
ILLINOIS RIVER, ILL.	1,350					
PORT OF CHICAGO, ILL.					45,656	82,205
TOTAL, SHIPPING AREA	5,880	1,300	36,046	5,075	45,656	134,821
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA./						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY,						
ALA.		5,939				
WARRIOR RIVER SYSTEM		10,878		6,135		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,566		16,703			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE						
RIVER, TEX.						
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.						1,432
GALVESTON BAY, TEXAS		68,344	9,224			11,865
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	4,736		10,664	3,225		12,135
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						1,419
ORLEANS, LA.	3,013	6,235	36,893	9,373	36,279	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.	3,177	33,883		1,500		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		11,581	2,918			46,984
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	3,117	2,972	1,400	1,518		46,542
YAZOO RIVER AND MOUTH, MISS.		3,646				
ARKANSAS RIVER, ARK.	7,759					28,917
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						11,067
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		13,277	1,400	1,419	5,946	7,679
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	6,286					7,690
TENNESSEE RIVER, TENN., ALA. AND KY.	1,610	11,309				
CUMBERLAND RIVER, TENN. AND KY.					9,917	
MONONGAMELA RIVER, PA. AND W.VA.					13,508	
ALLEGHENY RIVER, PA.		13,190				
MISSOURI RIVER						39,131
ILLINOIS RIVER, ILL.	2,678					15,980
BLACK RIVER, MIS.						4,361
MINNESOTA RIVER, MINN.						14,492
PORT OF CHICAGO, ILL.					6,508	34,291
TOTAL, SHIPPING AREA	33,942	181,254	79,202	23,170	72,154	283,975

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA., /						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,		6,488	3,270	1,223		
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,				1,575		
BAYOU VERMILION, LA.,		1,541				
CALCASTIEU RIVER AND PASS, LA.,		1,334				
GALVESTON BAY, TEXAS,		98,122	2,691			
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS,		58,141				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES,	116,732	266,204	255,524	588,930		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	208,658	945,063	654,566	1,469,098		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	4,532	3,023		14,917		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,		1,618	1,673	1,070		
YAZOO RIVER AND MOUTH, MISS.,	2,327			73,495		
ARKANSAS RIVER, ARK.,		1,614				
WOLF RIVER, TENN.,				1,312		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,	1,348		1,600	1,283		
TENNESSEE RIVER, TENN., ALA. AND KY.,			6,420	1,458		
ILLINOIS RIVER, ILL.,		1,491				
TOTAL, SHIPPING AREA	331,597	1,382,719	925,744	2,154,361		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER /						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,	5,715					
HARRIOR RIVER SYSTEM,	1,458					
GULF INTRACOASTAL WATERWAY' PLaquemine TO MORGAN CITY ROUTE, LA.,			3,000			
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,	1,688	8,509				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES,	706,509	128,475	226,317	363,636		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	1,232,418	407,556	620,815	1,158,564	5,954	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	9,431	2,957		7,967		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER,			2,802			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,			3,896			
YAZOO RIVER AND MOUTH, MISS.,	2,959			9,212		
ARKANSAS RIVER, ARK.,	22,807					
WOLF RIVER, TENN.,	1,604			4,510		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,	1,507		5,904	7,356		
TENNESSEE RIVER, TENN., ALA. AND KY.,	125,537		104,758	38,874		
ILLINOIS RIVER, ILL.,	1,600	1,400	4,310			
TOTAL, SHIPPING AREA	2,113,029	544,897	971,802	1,590,119	5,954	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER /						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,	27,970	1,497				
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,		965				
HARRIOR RIVER SYSTEM,		1,444		3,148		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	2,973					
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,	1,642					
GALVESTON BAY, TEXAS,			1,459			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES,	3,714,681	28,158	144,414	866,296		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	7,755,112	73,959	500,382	4,290,111		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	25,516	2,946	3,152	37,023		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER,	6,217		4,412	2,974		10,577
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,	10,206		15,902	22,888		
YAZOO RIVER AND MOUTH, MISS.,	25,657			22,641		
ARKANSAS RIVER, ARK.,	14,312					
WOLF RIVER, TENN.,	34,075			60,102		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,	4,177	1,629	13,472	31,176		
TENNESSEE RIVER, TENN., ALA. AND KY.,	401,740	14,467	67,929	188,228		
ILLINOIS RIVER, ILL.,	6,139		1,458			
MINNESOTA RIVER, MINN.,	1,507					
TOTAL, SHIPPING AREA	12,031,924	126,523	751,122	5,524,587		10,577
YAZOO RIVER AND MOUTH, MISS. /						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES,		2,900	1,616	7,762		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	1,496	37,711	21,382	20,377		
TOTAL, SHIPPING AREA	1,496	40,611	22,998	28,139		
ARKANSAS RIVER, ARK. /						
HARRIOR RIVER SYSTEM,						3,688
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,		4,344				
GALVESTON BAY, TEXAS,	2,797	10,688	4,286			1,253
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES,	10,968	10,681	279,965	82,852		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	4,319	149,535	227,099	179,253		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,						
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,			1,501	4,107		
YAZOO RIVER AND MOUTH, MISS.,				4,550		
ARKANSAS RIVER, ARK.,	4,815	1,400	700			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,	1,486		11,106			
TENNESSEE RIVER, TENN., ALA. AND KY.,			19,283			
TOTAL, SHIPPING AREA	24,385	184,628	543,940	270,762		5,141

## Waterborne Commerce of the United States, 1987

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
WHITE RIVER, ARK./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----		4,267	1,247	28,499		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW		28,603	29,663	167,290		
ORLEANS, LA.,-----						
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON			530			
ROUGE, LA.,-----				41,502		
YAZOO RIVER AND MOUTH, MISS.,-----			1,239			
WHITE RIVER, ARK.,-----						
TOTAL, SHIPPING AREA-----		32,870	32,679	237,291		
ST. FRANCIS AND LANGUILLE RIVERS AND BLACKFISH BAYOU, ARK./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----			1,542			
WOLF RIVER, TENN./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,			3,053			
GALVESTON BAY, TEXAS-----			1,700			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	7,595	41,207	170,865	156,210		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.,-----	4,192	133,346	231,217	252,828		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON				11,519		
ROUGE, LA.,-----			3,086			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER--				4,351		
YAZOO RIVER AND MOUTH, MISS.,-----			6,197			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----			21,511	4,514		
TENNESSEE RIVER, TENN., ALA. AND KY.,-----						
TOTAL, SHIPPING AREA-----	11,787	174,553	437,619	429,422		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY,						
ALA.,-----	2,850					
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,-----	4,300					
HARRIOR RIVER SYSTEM-----	4,040					
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	1,300		2,968			
WERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	15,329	11,408				
GALVESTON BAY, TEXAS-----		3,982				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	797,202	34,562	126,598	314,533		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.,-----	2,118,347	207,551	548,271	1,286,832	1,450	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON				19,045		
ROUGE, LA.,-----	27,624					
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER--	1,692					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--			3,053			
YAZOO RIVER AND MOUTH, MISS.,-----	5,957			11,404		
ARKANSAS RIVER, ARK.,-----	4,176					
WOLF RIVER, TENN.,-----	71,365			5,644		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	2,997		7,828	46,164		
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	1,465					
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	441,672		84,298	132,040		
TOTAL, SHIPPING AREA-----	3,500,316	257,523	773,016	1,815,702	1,450	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,837			2,923		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.,-----	17,067			10,097		
YAZOO RIVER AND MOUTH, MISS.,-----				1,493		
TENNESSEE RIVER, TENN., ALA. AND KY.,-----				2,683		
TOTAL, SHIPPING AREA-----	19,904			17,196		
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,902	1,672				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.,-----	12,249		1,344	2,965		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.,-----	1,667					
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	1,430					
TOTAL, SHIPPING AREA-----	18,248	1,672	1,344	2,965		
TENNESSEE RIVER, TENN., ALA. AND KY./						
HARRIOR RIVER SYSTEM-----	7,436					
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,			1,524			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	30,037	9,062	15,273	9,160		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.,-----	17,566	12,792	37,725	30,195		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.,-----			1,534			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--			1,409			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----				1,564		
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	167,188	2,496	32,377	115,326		
CUMBERLAND RIVER, TENN. AND KY.,-----	1,400					
MINNESOTA RIVER, MINN.,-----				1,351		
TOTAL, SHIPPING AREA-----	223,627	24,350	89,842	157,596		
CUMBERLAND RIVER, TENN. AND KY./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,			1,398			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,791			9,033		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.,-----	32,472		48,031	66,763		
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	16,898			2,999		
TOTAL, SHIPPING AREA-----	52,161		49,429	78,795		

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
GREEN AND BARREN RIVERS, KY./ GULF INTRACASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	1,479	-----	-----	-----	-----	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	5,895	-----	1,359	-----	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	10,451	-----	2,754	36,829	-----	-----
YAZOO RIVER AND MOUTH, MISS.,-----	-----	-----	-----	5,927	-----	-----
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	2,983	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	1,506	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	19,331	-----	4,113	45,739	-----	-----
KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,999	-----	-----	-----	-----	-----
MISSOURI RIVER/ GALVESTON BAY, TEXAS-----	1,374	-----	-----	-----	-----	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	75,673	8,674	31,057	105,038	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	116,580	32,206	46,531	190,024	-----	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	1,419	-----	-----	8,728	-----	-----
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	-----	-----	-----	1,233
ARKANSAS RIVER, ARK.,-----	1,386	2,985	-----	-----	-----	-----
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	14,610	2,547	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	-----	35,139	-----	-----	-----
MISSOURI RIVER-----	-----	-----	-----	-----	-----	3,982
TOTAL, SHIPPING AREA-----	196,432	43,865	128,137	306,337	-----	5,215
ILLINOIS RIVER, ILL./ HARRIOR RIVER SYSTEM-----	4,278	-----	-----	-----	-----	-----
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	16,650	-----	-----	9,043	-----	-----
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	20,653	-----	-----	-----	1,285	-----
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----	1,538	-----	-----	-----	-----	-----
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	1,379	-----	-----	1,426	-----	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,225,205	13,247	44,957	490,088	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	7,708,940	16,151	124,324	2,643,567	-----	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	39,299	-----	-----	32,307	-----	-----
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	4,491	-----	16,858	5,990	-----	-----
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,600	-----	-----	11,302	-----	-----
YAZOO RIVER AND MOUTH, MISS.,-----	4,469	-----	-----	1,516	-----	-----
ARKANSAS RIVER, ARK.,-----	1,654	-----	-----	-----	-----	-----
WOLF RIVER, TENN.,-----	195,816	-----	11,874	114,642	-----	-----
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	17,069	-----	-----
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	1,441	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	572,284	-----	1,519	91,747	-----	-----
ILLINOIS RIVER, ILL.,-----	1,491	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	1,417	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	10,801,164	29,398	199,532	3,420,134	1,285	-----
BLACK RIVER, WIS./ MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	6,199	-----	-----	1,403	-----	-----
MINNESOTA RIVER, MINN./ GALVESTON BAY, TEXAS-----	-----	-----	2,791	-----	-----	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	269,247	-----	122,483	232,864	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	693,359	1,437	231,316	794,765	-----	4,222
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	14,641	-----	-----	1,500	-----	-----
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1,396	-----	-----	-----	-----	-----
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,581	-----	11,618	99,138	-----	-----
YAZOO RIVER AND MOUTH, MISS.,-----	4,451	-----	-----	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	1,763	-----	-----	-----	-----	-----
WOLF RIVER, TENN.,-----	105,214	-----	-----	-----	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	123,428	4,246	60,736	29,500	-----	-----
ILLINOIS RIVER, ILL.,-----	1,530	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	1,220,610	5,723	428,944	1,157,767	-----	4,222
LAKE MICHIGAN/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	7,166	-----	-----	-----	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	18,026	-----	2,842	44,350	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	1,370	-----	1,431	-----	-----	-----
TOTAL, SHIPPING AREA-----	26,562	-----	4,273	44,350	-----	-----
PORT OF CHICAGO, ILL./ HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	-----	-----	-----	-----	1,248	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	193,958	-----	30,969	59,416	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	159,898	-----	25,520	65,663	-----	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	-----	8,176	-----	-----
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1,621	-----	-----	-----	-----	-----
WOLF RIVER, TENN.,-----	4,385	-----	-----	10,159	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	30,515	2,937	4,832	4,353	-----	-----

# Waterborne Commerce of the United States, 1987

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
ILLINOIS RIVER, ILL.-----	28,758	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	413,135	2,937	61,391	147,767	1,246	-----
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.-----	-----	-----	-----	-----	-----	68,565
SAN FRANCISCO BAY AREA/ SAN JOAQUIN RIVER, CALIF.-----	-----	-----	-----	-----	-----	53,259
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----	-----	4,660	-----	-----	-----	-----
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH.-----	48	-----	-----	-----	-----	6,608
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	-----	-----	14,413	-----	-----	8,845
TOTAL, SHIPPING AREA-----	48	4,660	14,413	-----	-----	15,453
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----	-----	-----	22,866	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	-----	6,459	56,115	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	6,459	78,981	-----	-----	-----
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----	8,918	31,840	615,400	216	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	-----	101,145	735,535	-----	-----	-----
TOTAL, SHIPPING AREA-----	8,918	132,985	1,350,935	216	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----	-----	5,293	6,185	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	-----	-----	2,551	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	5,293	8,736	-----	-----	-----
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----	-----	116,540	1,075,187	-----	-----	-----
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH.-----	-----	-----	1,460	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	-----	423,360	1,598,282	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	539,900	2,674,929	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS-----	-----	-----	-----	-----	-----	18,603



## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPMOOD (CODE 2415)
TOTAL, ALL SHIPPING AREAS	14,027,389	3,522,145	39,147	48,735	3,539,762
MARRAGANSETT BAY/ MARRAGANSETT BAY	2		3		
CHESAPEAKE BAY/ YORK RIVER, VA.		181,060			32,201
CHOPTANK RIVER, MD./ HAMPTON ROADS, VA.	60				
RAPPAHANNOCK RIVER, VA./ YORK RIVER, VA.					14,499
YORK RIVER, VA./ CHESAPEAKE BAY	11,389				
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, NORFOLK/ HAMPTON ROADS, VA.					109,986
ALBEMARLE SOUND, N.C./ YORK RIVER, VA.		52,886			96,102
HAMPTON ROADS, VA.					
TOTAL, SHIPPING AREA		52,886			96,102
CHOWAN RIVER, N.C./ HAMPTON ROADS, VA.					49,718
ROANOKE RIVER, N.C./ YORK RIVER, VA.					37,142
HAMPTON ROADS, VA.					134,989
TOTAL, SHIPPING AREA					172,131
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON/ MANTUA CREEK, N.J.			862		
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON	54,113		29		
SAVANNAH RIVER, GA.					
TOTAL, SHIPPING AREA	54,113		891		
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.	400				
HARRIOR RIVER SYSTEM/ HARRIOR RIVER SYSTEM	136,446	303,173			2,377,362
ALABAMA-COOSA RIVERS, ALA. AND GA.					3,500
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.		29,450			
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,273				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,475				
TENNESSEE RIVER, TENN., ALA. AND KY.		47,144			
TOTAL, SHIPPING AREA	139,194	379,767			2,380,862
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIOR RIVER SYSTEM	14,125				671,422
ALABAMA-COOSA RIVERS, ALA. AND GA.	1,750				2,625
TOTAL, SHIPPING AREA	15,875				674,047
INNERHARBOR NAVIGATION CANAL, LA./ MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			550		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			877		
TOTAL, SHIPPING AREA			1,427		
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO	445		350		
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	160		90		
TOTAL, SHIPPING AREA	605		440		
OUCHITA AND BLACK RIVERS, ARK. AND LA./ OUCHITA AND BLACK RIVERS, ARK. AND LA.	28,000				
SABINE-NECHES WATERWAY, TEXAS/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				249	
GALVESTON BAY, TEXAS/ OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				4,918	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				507	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			4,079		
ILLINOIS RIVER, ILL.				576	
PORT OF CHICAGO, ILL.				1,544	
TOTAL, SHIPPING AREA			4,079	2,627	

TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPMOOD (CODE 2415)
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./				317	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				9,892	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					
YAZOO RIVER AND MOUTH, MISS.	144,834				
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON				2,457	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH			1,448	23,535	
MONONGAMELA RIVER, PA. AND N.Y.				2,902	
ILLINOIS RIVER, ILL.			1,400		
PORT OF CHICAGO, ILL.			9,784	1,264	
TOTAL, SHIPPING AREA	144,834		12,632	40,367	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/					
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	9,162		3,554		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,450		1,500		
TENNESSEE RIVER, TENN., ALA. AND KY.					
TOTAL, SHIPPING AREA	1,450		1,500		
ARKANSAS RIVER, ARK./					
YAZOO RIVER AND MOUTH, MISS.	11,646				
WHITE RIVER, ARK./					
YAZOO RIVER AND MOUTH, MISS.	5,550				
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/					
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	8,152				
TENNESSEE RIVER, TENN., ALA. AND KY./					
HARRIOR RIVER SYSTEM	10,325	4,239			
ATCHAFALAYA RIVER, LA.	9,681				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	7,273				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,173			
TENNESSEE RIVER, TENN., ALA. AND KY.	118,141	376,004			10,296
TOTAL, SHIPPING AREA	145,420	381,416			10,296
ILLINOIS RIVER, ILL./				507	
PORT OF CHICAGO, ILL.					
LAKE SUPERIOR/					
LAKE SUPERIOR	48				
LOS ANGELES AND LONG BEACH HARBORS, CALIF./					
LOS ANGELES AND LONG BEACH HARBORS, CALIF.		87,138			
SAN FRANCISCO BAY AREA/					
SAN FRANCISCO BAY AREA			100		
SAN JOAQUIN RIVER, CALIF.	3,590				
TOTAL, SHIPPING AREA	3,500		100		
SAN JOAQUIN RIVER, CALIF./					
SAN JOAQUIN RIVER, CALIF.	1,600				
COOS BAY, OREG./					
COOS BAY, OREG.	366,308				
COOS AND MILLICOMA RIVERS, OREG./					
COOS BAY, OREG.	980,536				
JUMPQUA RIVER, OREG./					
JUMPQUA RIVER, OREG.	2,700				
SIUSLAN RIVER, OREG./					
SIUSLAN RIVER, OREG.	85,752				
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/					
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH	1,006,545	115,067			
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.	69,041	42,308	168		
WILLAMETTE AND YAMHILL RIVERS, OREG.	86,067		8,402		
TOTAL, SHIPPING AREA	1,161,653	157,375	8,570		
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG./					
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH	153,104	440,160	268		
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.	612,080	156,566	134		
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.		621			
WILLAMETTE AND YAMHILL RIVERS, OREG.	16,283				
SWAKE RIVER, OREG., WASH. AND IDAHO		5,600			
TOTAL, SHIPPING AREA	781,467	602,947	402		
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./					
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH	277	380,846			
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.		37,869			
WILLAMETTE AND YAMHILL RIVERS, OREG.	563	3,641			
TOTAL, SHIPPING AREA	840	422,356			

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
COLUMBIA RIVER' KENNEWICK TO WENATCHEE, WASH.,/ SNAKE RIVER, OREG., WASH, AND IDAHO-----	88,028	-----	-----	-----	-----
COLUMBIA RIVER' WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY/ COEUR D'ALENE LAKE-----	29,604	-----	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH-----	99,660	206,384	-----	-----	-----
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.-----	-----	114,963	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	318,927	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	418,587	321,307	-----	-----	-----
SNAKE RIVER, OREG., WASH, AND IDAHO/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH-----	24,141	198,594	833	-----	-----
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.-----	12,977	-----	-----	-----	-----
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.-----	-----	637	-----	-----	-----
COLUMBIA RIVER' KENNEWICK TO WENATCHEE, WASH.-----	118,584	-----	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	5,486	5,400	28	-----	-----
SNAKE RIVER, OREG., WASH, AND IDAHO-----	-----	1,000	-----	-----	-----
TOTAL, SHIPPING AREA-----	161,188	205,631	861	-----	-----
COEUR D'ALENE LAKE/ COLUMBIA RIVER' WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY-----	205,914	-----	-----	-----	-----
COEUR D'ALENE LAKE-----	333,952	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	539,866	-----	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS-----	6,862,857	443,997	4,106	40	-----
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA-----	1,966,753	286,265	562	27	-----
ALASKA PENINSULA/ ALASKA PENINSULA-----	250	-----	20	-----	-----

TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
TOTAL, ALL SHIPPING AREAS-----	161,632,494
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER' NEW JERSEY SIDE-----	143,286
BALTIMORE HARBOR AND CHANNELS, MD.-----	1,680,661
TOTAL, SHIPPING AREA-----	1,823,947
HAMPTON ROADS, VA./ DELAWARE RIVER' NEW JERSEY SIDE-----	628,922
BALTIMORE HARBOR AND CHANNELS, MD.-----	990,225
TOTAL, SHIPPING AREA-----	1,619,147
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, WILMINGTON/ ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON-----	2,952
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	1,432
HARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----	103,146
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.-----	13,500
HARRIOR RIVER SYSTEM-----	6,837,279
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	47,814
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	204,534
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	65,736
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	4,674
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	84,344
TENNESSEE RIVER, TENN., ALA. AND KY.-----	21,700
TOTAL, SHIPPING AREA-----	7,382,727
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA./ HARRIOR RIVER SYSTEM-----	2,975
GALVESTON BAY, TEXAS/ GALVESTON BAY, TEXAS-----	7,325
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS/ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	2,720
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----	11,600
ESCAMBIA AND CONECUM RIVERS, FLA. AND ALA.-----	43,500
HARRIOR RIVER SYSTEM-----	32,717
GALVESTON BAY, TEXAS-----	3,079
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	11,400
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	15,882
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	2,865
GREEN AND BARREN RIVERS, KY.-----	5,816
TOTAL, SHIPPING AREA-----	126,859
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	3,185
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	27,615
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	1,632
TENNESSEE RIVER, TENN., ALA. AND KY.-----	1,434
TOTAL, SHIPPING AREA-----	33,866
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	2,900
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	1,400
TOTAL, SHIPPING AREA-----	4,300
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	1,492
LAKE PONTCHARTRAIN, LA.-----	4,522
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	1,178,658
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	13,192
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	5,648,508
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	367,204
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,334,155
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	9,819
TENNESSEE RIVER, TENN., ALA. AND KY.-----	2,514,589
CUMBERLAND RIVER, TENN. AND KY.-----	1,462
ILLINOIS RIVER, ILL.-----	837,829
PORT OF CHICAGO, ILL.-----	45,698
TOTAL, SHIPPING AREA-----	11,956,728
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	16,064
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,431,295
TENNESSEE RIVER, TENN., ALA. AND KY.-----	7,552
TOTAL, SHIPPING AREA-----	1,454,911
ARKANSAS RIVER, ARK./ GALVESTON BAY, TEXAS-----	8,788
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	405,349
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	25,180

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	TONS
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	2,839
ARKANSAS RIVER, ARK.,-----	2,494
CUMBERLAND RIVER, TENN. AND KY.,-----	1,313
TOTAL, SHIPPING AREA-----	445,963
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	3,493,986
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,-----	13,400
ESCAMBIA AND CONEJUN RIVERS, FLA. AND ALA.,-----	1,958,214
HARRIOR RIVER SYSTEM-----	63,682
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	681,976
PEARL RIVER, MISS. AND LA.,-----	102,445
LAKE PONTCHARTRAIN, LA.,-----	42,158
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	3,869,120
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	184,791
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	194,134
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	143,933
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,655,686
WOLF RIVER, TENN.,-----	1,000,774
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	11,304,180
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	53,314
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	13,444
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	662,056
CUMBERLAND RIVER, TENN. AND KY.,-----	6,439,921
GREEN AND BARREY RIVERS, KY.,-----	244,347
MONONGAMELA RIVER, PA. AND W.VA.,-----	13,617
MISSOURI RIVER-----	50,075
ILLINOIS RIVER, ILL.,-----	1,130,177
BLACK RIVER, MIS.,-----	1,590
PORT OF CHICAGO, ILL.,-----	327,497
TOTAL, SHIPPING AREA-----	33,644,517
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ HARRIOR RIVER SYSTEM-----	173,197
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	143,987
INNERHARBOR NAVIGATION CANAL, LA.,-----	7,519
GULF INTRACOASTAL WATERWAY' PLAJUEMINE TO MORGAN CITY ROUTE, LA.,-----	24,530
GALVESTON BAY, TEXAS-----	3,087
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,857,121
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	1,022,078
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	208,122
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	767,498
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	235,148
WOLF RIVER, TENN.,-----	6,511
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	2,996,655
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	11,877,448
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	3,355,985
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	1,804,731
CUMBERLAND RIVER, TENN. AND KY.,-----	15,727
BIG SANDY RIVER, KY. AND W.VA.,-----	3,082
KANAWHA RIVER, W.VA.,-----	5,294
MONONGAMELA RIVER, PA. AND W.VA.,-----	3,531,560
ALLEGHENY RIVER, PA.,-----	3,004
MISSOURI RIVER-----	2,708
ILLINOIS RIVER, ILL.,-----	112,401
MINNESOTA RIVER, MINN.,-----	12,145
PORT OF CHICAGO, ILL.,-----	989,900
TOTAL, SHIPPING AREA-----	30,159,438
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	14,411
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	9,247
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	15,077
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	691,197
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	2,497,250
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	6,274,217
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	2,524,206
KANAWHA RIVER, W.VA.,-----	2,546
MONONGAMELA RIVER, PA. AND W.VA.,-----	208,737
ALLEGHENY RIVER, PA.,-----	153,381
TOTAL, SHIPPING AREA-----	12,390,309
TENNESSEE RIVER, TENN., ALA. AND KY./ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	19,000
ESCAMBIA AND CONEJUN RIVERS, FLA. AND ALA.,-----	129,829
HARRIOR RIVER SYSTEM-----	256,875
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	713,120
PEARL RIVER, MISS. AND LA.,-----	7,517
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	107,260
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	168,958
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	1,500
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	4,689
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	527,252
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	2,850
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	5,135,335
CUMBERLAND RIVER, TENN. AND KY.,-----	317,108
ILLINOIS RIVER, ILL.,-----	48,386
PORT OF CHICAGO, ILL.,-----	25,327
TOTAL, SHIPPING AREA-----	7,465,206

## Waterborne Commerce of the United States, 1987

TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
CUMBERLAND RIVER, TENN. AND KY./	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	3,000
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,763
CUMBERLAND RIVER, TENN. AND KY.	8,400
TOTAL, SHIPPING AREA	14,363
GREEN AND BARREN RIVERS, KY./	
LAKE PONTCHARTRAIN, LA.	1,450
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,998,656
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	5,845
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,029
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	77,877
OHIO RIVER, TENN.	550,907
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	5,948,980
CUMBERLAND RIVER, TENN. AND KY.	6,311
ILLINOIS RIVER, ILL.	40,507
PORT OF CHICAGO, ILL.	15,492
TOTAL, SHIPPING AREA	8,649,054
BIG SANDY RIVER, KY. AND W.VA./	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,400
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	1,600
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	421,575
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	753,070
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	127,662
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	101,069
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	217,581
OHIO RIVER, TENN.	3,045
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,431,873
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,440,949
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	358,192
TENNESSEE RIVER, TENN., ALA. AND KY.	25,914
KANAWHA RIVER, W.VA.	1,733
MONONGAHELA RIVER, PA. AND W.VA.	25,393
ALLEGHENY RIVER, PA.	8,638
ILLINOIS RIVER, ILL.	6,555
MINNESOTA RIVER, MINN.	5,978
PORT OF CHICAGO, ILL.	81,960
TOTAL, SHIPPING AREA	6,012,187
KANAWHA RIVER, W.VA./	
PEARL RIVER, MISS. AND LA.	3,136
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	33,556
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,249,717
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	684,891
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	26,182
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	190,458
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	83,044
ARKANSAS RIVER, ARK.	36,786
OHIO RIVER, TENN.	3,123
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,392,983
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	4,900,693
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	2,389,747
TENNESSEE RIVER, TENN., ALA. AND KY.	47,073
GREEN AND BARREN RIVERS, KY.	7,333
BIG SANDY RIVER, KY. AND W.VA.	8,095
KANAWHA RIVER, W.VA.	223,352
MONONGAHELA RIVER, PA. AND W.VA.	644,989
ILLINOIS RIVER, ILL.	8,979
PORT OF CHICAGO, ILL.	9,549
TOTAL, SHIPPING AREA	11,943,646
MONONGAHELA RIVER, PA. AND W.VA./	
GALVESTON BAY, TEXAS	16,349
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	621,786
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	34,218
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	15,139
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	354,525
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	266,593
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,535,131
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	4,655,904
BIG SANDY RIVER, KY. AND W.VA.	1,400
MONONGAHELA RIVER, PA. AND W.VA.	16,027,121
ALLEGHENY RIVER, PA.	772,433
ILLINOIS RIVER, ILL.	18,753
MINNESOTA RIVER, MINN.	1,544
TOTAL, SHIPPING AREA	24,320,898
ALLEGHENY RIVER, PA./	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	7,395
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	3,191
MONONGAHELA RIVER, PA. AND W.VA.	6,300
TOTAL, SHIPPING AREA	16,886
ILLINOIS RIVER, ILL./	
PORT OF CHICAGO, ILL.	2,059,388
PORT OF CHICAGO, ILL./	
PORT OF CHICAGO, ILL.	90,750

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	VAPORINA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
TOTAL, ALL SHIPPING AREAS----	39,617,926	31,042,113	43,539,239	4,749,802	1,204,472	60,282,261	5,285,471	3,041,311	10,621,965
PENOBSCOT RIVER, MAINE/ PENOBSCOT RIVER, MAINE-----		62,912			3,286				
PORTLAND HARBOR, MAINE/ PORTLAND HARBOR, MAINE-----	4,543	38,493				32,967			
GLOUCESTER HARBOR, MASS./ GLOUCESTER HARBOR, MASS.-----		18,757			14,498			977	
SALEM HARBOR, MASS./ SALEM HARBOR, MASS.-----						412			
PORT OF BOSTON, MASS./ PORT OF BOSTON, MASS.-----	119,015	319,972		24,819	23,124	303,659			5,957
NARRAGANSETT BAY/ NARRAGANSETT BAY-----	5,967	67,325			1,706	42,619			
PROVIDENCE RIVER AND HARBOR, R.I.-----	8,134	161,820			6,343				
TOTAL, SHIPPING AREA-----	14,101	229,145			8,049	42,619			
PROVIDENCE RIVER AND HARBOR, R.I./ NARRAGANSETT BAY-----		64,808				10,090			
PROVIDENCE RIVER AND HARBOR, R.I.-----	8,107	115,229			16,230	12,816			
TOTAL, SHIPPING AREA-----	8,107	180,037			16,230	22,906			
LONG ISLAND SOUND, N.Y./ LONG ISLAND SOUND, N.Y.-----	1,297	44,045				8,011			
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----	9,403,578	8,484,589	1,130,963	136,967	268,500	8,297,624	263,580	16,128	279,291
UPPER HUDSON RIVER, N.Y.-----	3,656,853	1,825,377	59,208	100,762	188,518	2,104,159	41,145		69,584
NEW YORK STATE BARGE CANAL-----									28,069
LAKE CHAMPLAIN, N.Y. AND VT.-----	42,253	4,076		61,533					
TOTAL, SHIPPING AREA-----	13,102,684	10,314,042	1,190,171	299,262	457,018	10,401,813	304,725	16,128	376,944
UPPER HUDSON RIVER, N.Y./ PORT OF NEW YORK, N.Y. AND N.J.-----		50,315				18,359			44,236
UPPER HUDSON RIVER, N.Y.-----	12,621	93,090		5,957		22,356			
NEW YORK STATE BARGE CANAL-----		7,578				2,145			
LAKE CHAMPLAIN, N.Y. AND VT.-----	65,380	15,016		25,540	215				
TOTAL, SHIPPING AREA-----	78,001	165,999		31,497	215	42,860			44,236
LAKE CHAMPLAIN, N.Y. AND VT./ LAKE CHAMPLAIN, N.Y. AND VT.-----				1,829					
DELAWARE RIVER/ NEW JERSEY SIDE/ DELAWARE RIVER/ NEW JERSEY SIDE-----	10,532	122,955		20,310	12,165	424,770	18,815	25	8,816
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	108,123	105,083	11,030		3,482	805,306	1,249		
MANTUA CREEK, N.J.-----		929							
CHRISTINA RIVER, DEL.-----		43,473				127,213			
SCHUYLKILL RIVER, PA.-----	48,394	201,435		10,663	19,908	402,611		11,948	
CHESAPEAKE BAY-----	3,740	2,316			6,608				
WANTICOK RIVER, DEL. AND MD.-----						45,456			33,772
BALTIMORE HARBOR AND CHANNELS, MD.-----	75,339	24,250				69,112			102,965
POTOMAC RIVER AND TRIBUTARIES-----						59,279			
HAMPTON ROADS, VA.-----		12,175				21,481			33,669
CAPE FEAR RIVER, N.C.-----									8,188
TOTAL, SHIPPING AREA-----	246,128	512,616	11,030	30,973	42,163	1,955,228	20,064	11,973	187,410
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER/ NEW JERSEY SIDE-----	422,963	403,320	1,069,924	221,465	9,232	485,835		25,576	
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	129,656	265,726	9,782,431	14,318	3,094	337,269		2,419	17,018
CHESAPEAKE RIVER, N.J.-----		1,530							
MISPELLION RIVER, DEL.-----				168,751					
CHRISTINA RIVER, DEL.-----		121,077				70,914		395	
SCHUYLKILL RIVER, PA.-----	130,713	275,572		17,925	3,625	636,209		11,228	
CHESAPEAKE BAY-----	27,839	10,401							
BALTIMORE HARBOR AND CHANNELS, MD.-----	651,833	80,855			33,085	123,014		5,653	2,789
POTOMAC RIVER AND TRIBUTARIES-----		6,965		93,141		88,616			
YORK RIVER, VA.-----			12,770	91,930					
JAMES RIVER, VA.-----				13,458					
HAMPTON ROADS, VA.-----	92,660	8,711		792		108,112			
TOTAL, SHIPPING AREA-----	1,455,664	1,174,157	10,865,125	621,770	49,036	1,849,969		45,271	19,807

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
CHRISTINA RIVER, DEL./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	20,268	2,115 1,478	----- -----	----- -----	----- -----	11,841 30,785	----- -----	----- -----	----- 48,897
CHRISTINA RIVER, DEL.-----	-----	277	-----	-----	-----	13,877	-----	-----	-----
SCHUYLKILL RIVER, PA.-----	3,055	6,076	-----	-----	4,157	5,882	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.-----	-----	14,179	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	23,323	24,125	-----	-----	4,157	62,385	-----	-----	48,897
SCHUYLKILL RIVER, PA./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	31,096	71,940 62,682	----- -----	----- 1,314	1,480 -----	406,996 728,783	33,703 -----	----- -----	136,337 -----
COMANSEY RIVER, N.J.-----	-----	9,310	-----	-----	-----	-----	-----	-----	-----
CHRISTINA RIVER, DEL.-----	-----	20,766	-----	-----	4,697	112,868	-----	-----	-----
SCHUYLKILL RIVER, PA.-----	5,882	57,991	-----	1,971	7,120	102,028	-----	-----	-----
CHESAPEAKE BAY-----	14,590	5,963	-----	-----	-----	5,910	-----	-----	-----
NANTICOKE RIVER, DEL. AND MD.-----	-----	-----	-----	-----	-----	53,698	-----	-----	9,974
BALTIMORE HARBOR AND CHANNELS, MD.-----	1,855	3,832	-----	-----	-----	6,521	4,198	-----	138,871
POTOMAC RIVER AND TRIBUTARIES-----	-----	16,343	-----	-----	-----	-----	-----	-----	170,325
HAMPTON ROADS, VA.-----	-----	1,518	-----	4,162	-----	32,774	-----	-----	21,893
CAPE FEAR RIVER, N.C.-----	-----	-----	-----	-----	-----	-----	-----	-----	6,416
TOTAL, SHIPPING AREA-----	53,423	250,345	-----	7,447	13,297	1,449,578	37,901	-----	483,816
CHESAPEAKE BAY/ DELAWARE RIVER/ NEW JERSEY SIDE- BALTIMORE HARBOR AND CHANNELS, MD.-----	-----	-----	-----	-----	-----	6,605	-----	-----	-----
-----	-----	41,595	-----	-----	-----	80,637	-----	-----	-----
HAMPTON ROADS, VA.-----	-----	3,649	-----	1,138	-----	7,115	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	45,244	-----	1,138	-----	94,357	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	1,983	13,457	-----	-----	-----	4,137	-----	-----	-----
CHRISTINA RIVER, DEL.-----	-----	21,200	-----	-----	-----	-----	-----	-----	-----
SCHUYLKILL RIVER, PA.-----	19,343	21,288	-----	-----	-----	27,087	-----	-----	8,325
CHESAPEAKE BAY-----	54,957	24, 24	-----	-----	-----	7,433	-----	-----	-----
NANTICOKE RIVER, DEL. AND MD.-----	-----	14,487	-----	-----	-----	48,525	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.-----	-----	112,926	-----	-----	-----	1,419,810	4,731	-----	-----
POTOMAC RIVER AND TRIBUTARIES-----	-----	27,577	-----	-----	-----	6,624	-----	-----	-----
JAMES RIVER, VA.-----	22,342	-----	-----	-----	-----	4,597	-----	-----	48,623
HAMPTON ROADS, VA.-----	7,084	3,328	-----	5,972	1,041	-----	-----	-----	6,363
CAPE FEAR RIVER, N.C.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	105,709	238,387	-----	5,972	1,041	1,518,213	4,731	-----	63,311
POTOMAC RIVER AND TRIBUTARIES/ DELAWARE RIVER/ NEW JERSEY SIDE- SCHUYLKILL RIVER, PA.-----	7,618	-----	-----	25,979	-----	-----	-----	-----	-----
CHESAPEAKE BAY-----	-----	-----	-----	47,478	-----	6,447	-----	-----	-----
CHESTER RIVER, MD.-----	-----	5,451	-----	-----	-----	-----	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.-----	7,804	75,247	-----	-----	-----	6,696	-----	-----	-----
POTOMAC RIVER AND TRIBUTARIES-----	-----	172,964	-----	136,144	-----	121,972	-----	-----	4,363
JAMES RIVER, VA.-----	-----	-----	-----	-----	-----	9,222	-----	-----	-----
HAMPTON ROADS, VA.-----	-----	-----	-----	47,395	-----	3,312	-----	-----	-----
TOTAL, SHIPPING AREA-----	15,422	253,662	-----	256,996	-----	147,649	-----	-----	4,363
YORK RIVER, VA./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	-----	11,345	-----	-----	-----	-----	-----	-----	-----
CHRISTINA RIVER, DEL.-----	-----	15,104	-----	-----	-----	-----	-----	-----	-----
SCHUYLKILL RIVER, PA.-----	-----	11,213	-----	-----	-----	-----	-----	-----	-----
CHESAPEAKE BAY-----	-----	3,344	-----	-----	-----	1,639	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.-----	13,276	28,645	-----	-----	-----	-----	-----	-----	-----
POTOMAC RIVER AND TRIBUTARIES-----	-----	11,074	-----	-----	-----	376,846	-----	-----	8,726
HAMPTON ROADS, VA.-----	15,345	43,197	-----	124,882	-----	50,148	-----	-----	2,727
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	-----	-----	2,153	-----	-----	-----
TOTAL, SHIPPING AREA-----	28,621	123,922	-----	124,882	-----	430,786	-----	-----	11,453
JAMES RIVER, VA./ CHESAPEAKE BAY-----	148,187	3,584	-----	-----	3,261	46,786	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.-----	5,617	-----	-----	-----	-----	-----	-----	-----	-----
JAMES RIVER, VA.-----	-----	-----	-----	-----	-----	2,153	-----	-----	-----
HAMPTON ROADS, VA.-----	189,235	80,293	-----	-----	8,416	131,116	-----	-----	-----
TOTAL, SHIPPING AREA-----	343,039	83,877	-----	-----	11,677	180,055	-----	-----	-----



## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2918)	OTHER PETROLEUM PRODUCTS (CODES 2919, 2921, 2991)
HAMPTON ROADS, VA./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----	-----	3,779	-----	-----	-----	47,568	-----	-----	-----
CHRISTINA RIVER, DEL.-----	-----	1,512	-----	3,713	-----	6,640	-----	-----	-----
SCHUYLKILL RIVER, PA.-----	-----	3,002	-----	-----	-----	-----	-----	-----	-----
CHESAPEAKE BAY-----	228,457	2,692	-----	-----	-----	10,797	-----	-----	-----
NANTICOKE RIVER, DEL. AND MD. BALTIMORE HARBOR AND CHANNELS, MD.-----	2,075	209,261	-----	-----	1,225	54,350	-----	21	-----
POTOMAC RIVER AND TRIBUTARIES-----	-----	28,821	-----	-----	-----	8,626	-----	-----	-----
RAPPANNOCK RIVER, VA.-----	-----	6,705	-----	1,105	-----	118,444	-----	-----	3,277
YORK RIVER, VA.-----	908	25,548	-----	-----	-----	54,147	-----	-----	-----
JAMES RIVER, VA.-----	-----	7,479	-----	-----	-----	176,673	-----	23	-----
HAMPTON ROADS, VA.-----	-----	326,499	-----	-----	-----	181,877	-----	147	-----
ATLANTIC INTRACOASTAL WATERWAY/ GREAT BRIDGE LOCK ROUTE-----	-----	-----	-----	202,891	-----	-----	-----	4,227	-----
ROANOKE RIVER, N.C.-----	-----	-----	-----	-----	-----	29,527	-----	-----	-----
CAPE FEAR RIVER, N.C.-----	-----	13,778	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	231,440	629,076	-----	260,562	5,105	1,385,170	-----	4,418	7,277
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON/ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON-----	-----	-----	-----	-----	-----	14,873	-----	-----	-----
PAMLICO AND TAR RIVERS, N.C.-----	-----	-----	-----	-----	-----	8,593	-----	-----	-----
NEUSE RIVER, N.C.-----	-----	-----	-----	2,749	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	-----	-----	2,749	-----	23,466	-----	-----	-----
CAPE FEAR RIVER, N.C./ ROANOKE RIVER, N.C.-----	-----	-----	-----	-----	-----	3,080	-----	-----	-----
PAMLICO AND TAR RIVERS, N.C.-----	-----	-----	-----	-----	-----	3,146	-----	-----	-----
NEUSE RIVER, N.C.-----	-----	-----	-----	-----	-----	42,112	-----	-----	-----
CAPE FEAR RIVER, N.C.-----	9,542	8,421	-----	-----	-----	243,754	-----	-----	-----
NORTHEAST (CAPE FEAR) RIVER, N.C.-----	-----	-----	-----	-----	-----	110,831	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	-----	-----	3,064	-----	-----	-----
TOTAL, SHIPPING AREA-----	9,542	8,421	-----	-----	-----	405,987	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON/ HAMPTON ROADS, VA.-----	-----	-----	-----	1,696	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON-----	-----	1,427	-----	-----	-----	-----	-----	-----	-----
CAPE FEAR RIVER, N.C.-----	-----	-----	-----	-----	-----	2,780	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	6,522	-----	88,279	-----	-----	-----
SAVANNAH RIVER, GA.-----	-----	1,400	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	2,827	-----	8,218	-----	91,059	-----	-----	-----
SAVANNAH RIVER, GA./ HAMPTON ROADS, VA.-----	-----	-----	-----	-----	-----	-----	-----	-----	2,363
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON-----	-----	2,897	-----	-----	-----	11,369	-----	-----	-----
PAMLICO AND TAR RIVERS, N.C.-----	-----	-----	-----	-----	-----	6,887	-----	-----	-----
CAPE FEAR RIVER, N.C.-----	1,140	-----	-----	-----	-----	1,998	1,090	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	50,087	-----	1,654	-----	-----	-----
COOPER RIVER, S.C.-----	-----	-----	-----	-----	-----	827	-----	-----	-----
SAVANNAH RIVER, GA.-----	35,108	12,326	-----	1,601	-----	111,574	-----	-----	8,401
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH-----	-----	2,781	-----	-----	-----	6,115	-----	-----	-----
ST. JOHNS RIVER, FLA.-----	22,890	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	59,138	18,004	-----	51,688	-----	140,424	1,090	-----	10,764
ST. JOHNS RIVER, FLA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----	12,700	-----	-----	-----	-----	-----	-----	-----	-----
SAVANNAH RIVER, GA.-----	6,259	8,226	-----	-----	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH-----	-----	1,995	-----	-----	-----	137,693	-----	-----	-----
ST. JOHNS RIVER, FLA.-----	65,251	130,974	-----	54,261	-----	707,372	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE-----	3,189	611	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	87,399	141,806	-----	54,261	-----	845,065	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE/ SAVANNAH RIVER, GA.-----	-----	-----	-----	-----	-----	-----	-----	-----	2,363
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE-----	2,222	30,141	-----	-----	-----	285,059	-----	-----	-----
TOTAL, SHIPPING AREA-----	2,222	30,141	-----	-----	-----	285,059	-----	-----	2,363

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
INTRACASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./									
OKEECHOBEE WATERWAY, FLA.,-----		10,235				638,300			
INTRACASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.,-----		14,528				79,721			
TOTAL, SHIPPING AREA-----		24,763				718,021			
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./									
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	16,239	23,239		4,689		137			
WARRIOR RIVER SYSTEM-----	3,669	4,179				11,039			3,358
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	2,947	3,356		6,998		1,640			
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----						2,484			
TOTAL, SHIPPING AREA-----	22,855	30,774		11,687		15,300			3,358
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./									
WARRIOR RIVER SYSTEM-----	1,558	1,775							
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----						2,318			
TOTAL, SHIPPING AREA-----	1,558	1,775				2,318			
GULF OF MEXICO/ GULF OF MEXICO-----		113,110						2	
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----		842	7,691						27,985
PEARL RIVER, MISS. AND LA.,-----		6							
LAKE PONTCHARTRAIN, LA.,-----		148							
LAKE MAUREPAS, LA.,-----		192							
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----		4							
GULF INTRACASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----		20,780	482,322						
GULF INTRACASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----			35,388						
ATCHAFALAYA RIVER, LA.,-----		57	5,340						
CALCASTEY RIVER AND PASS, LA.,-----	220	892	319,176						
SABINE-VECHES WATERWAY, TEXAS-----	47,951	12,319	318,828						
GALVESTON BAY, TEXAS-----	6,242		259,274						10,212
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	14,288		334,604						5,270
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	27,979								16,774
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	7,671								
PORT OF CHICAGO, ILL.,-----	7,405								
TOTAL, SHIPPING AREA-----	111,756	153,669	2,367,141					2	296,681
WARRIOR RIVER SYSTEM/ GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	236,917	40,299				64,692			105,768
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,-----	14,663	20,096				1,032			63,079
ESCAMBIA AND CONEJUN RIVERS, FLA. AND ALA.,-----						1,702			
GULF OF MEXICO-----			7,638						
WARRIOR RIVER SYSTEM-----	90,809	21,645	463,854			337,153			216,934
ALABAMA-COOSA RIVERS, ALA. AND GA.,-----						6,394			
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	83,425	14,381				5,440			20,474
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----			24,511						
GULF INTRACASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----			18,709						
ATCHAFALAYA RIVER, LA.,-----		31,004	5,668			11,752			

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
CALCASIEU RIVER AND PASS, LA., SABINE-NECHES WATERWAY, TEXAS	2,286		1,105,087		14,844	62,991	60,423	45,837	
GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEXAS						124			
GALVESTON BAY, TEXAS	38,469	20,348	11,491	19,920	15,000	80,760	39,030		9,764
GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEXAS			122,890				18,306		
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	2,726				5,229		4,362		
MISSISSIPPI RIVER <sup>1</sup> NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER <sup>1</sup> BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	59,671	26,374	332,806	15,000		6,072	9,608		
MISSISSIPPI RIVER <sup>1</sup> MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,561	5,169							
MISSISSIPPI RIVER <sup>1</sup> MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,700								
MISSISSIPPI RIVER <sup>1</sup> MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	5,600								
OHIO RIVER <sup>1</sup> ENGINEER DISTRICT, LOUISVILLE		17,635	5,859	58,519					12,161
TENNESSEE RIVER, TENN., ALA. AND KY.		9,146							17,552
MONONGAHELA RIVER, PA. AND W.VA.						1,775			
PORT OF CHICAGO, ILL.						4,215			
TOTAL, SHIPPING AREA	546,827	216,541	2,454,647	89,439	35,073	669,356	177,735	6,000	445,732
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIS RIVER SYSTEM			3,000						
GULF INTRACOASTAL WATERWAY <sup>1</sup> MOBILE BAY, ALA., TO NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY <sup>1</sup> APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	386,952	242,055		84,487					78,507
APALACHICOLA, CHATTANOOCHEE AND FLINT RIVERS, GA. AND FLA.	36,290	26,441							
GULF OF MEXICO									171,781
HARRIS RIVER SYSTEM	278,647	48,735				24,410	3,248		672,452
GULF INTRACOASTAL WATERWAY <sup>1</sup> MOBILE BAY, ALA., TO NEW ORLEANS, LA.	16,677	54,175	3,046	7,500					21,620
GULF INTRACOASTAL WATERWAY <sup>1</sup> MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			919						
CALCASIEU RIVER AND PASS, LA., SABINE-NECHES WATERWAY, TEXAS	69,384	6,136				5,607			
GALVESTON BAY, TEXAS	2,594	63,447				129,698	9,225	7,418	
GULF INTRACOASTAL WATERWAY <sup>1</sup> GALVESTON TO CORPUS CHRISTI, TEXAS	8,083					8,214	4,150		
MISSISSIPPI RIVER <sup>1</sup> NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER <sup>1</sup> BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	6,552	5,040	101,885			8,531			1,610
MISSISSIPPI RIVER <sup>1</sup> MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	181,580	16,200	58,882	3,549		24,971	23,443	9,186	3,113
MISSISSIPPI RIVER <sup>1</sup> MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	24,583								6,376
MISSISSIPPI RIVER <sup>1</sup> MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	42,933								
OHIO RIVER, TENN.	64,872						6,540		
OHIO RIVER <sup>1</sup> ENGINEER DISTRICT, LOUISVILLE	15,203	4,170							
OHIO RIVER <sup>1</sup> ENGINEER DISTRICT, MUNTINGTON	55,577	50,783		141,258		12,255			223,025
TENNESSEE RIVER, TENN., ALA. AND KY.	11,428	22,397							9,845
ILLINOIS RIVER, ILL.	18,590	5,273							
PORT OF CHICAGO, ILL.		5,926				27,852			
TOTAL, SHIPPING AREA	1,219,905	550,778	164,732	236,754		241,533	59,482	16,604	1,188,329
INNERHARBOR NAVIGATION CANAL, LA./ GULF INTRACOASTAL WATERWAY <sup>1</sup> MOBILE BAY, ALA., TO NEW ORLEANS, LA.		310							

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-		177							
TOTAL, SHIPPING AREA-----		487							
LAKE PONTCHARTRAIN, LA./ GULF OF MEXICO-----			765						
LAKE MAUREPAS, LA./ GULF OF MEXICO-----									588
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			11,532						
TOTAL, SHIPPING AREA-----			11,532						588
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO/									
ATCHAFALAYA RIVER, LA.,-----			12,256						
CALCASIEU RIVER AND PASS, LA.,---			16,087						
GALVESTON BAY, TEXAS-----			67,538						
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----			3,080			4,140			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			7,364						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----			441,400						
TOTAL, SHIPPING AREA-----			547,721			4,140			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./									
GULF OF MEXICO-----		502,768	336	88				3	
WARRIOR RIVER SYSTEM-----			489,059						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----			508						
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----			25,994						
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----		139,756	650,405	1,296		211			25
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----		154	1,102						
ATCHAFALAYA RIVER, LA.,-----		16,229	1,201,304						
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.,-----		2,641							
BAYOU VERMILION, LA.,-----		1,291							
CALCASIEU RIVER AND PASS, LA.,---		1,069	538,545						
SABINE-NECHES WATERWAY, TEXAS---	30,629	442	1,184,430			4,172			
GALVESTON BAY, TEXAS-----	2,206		538,102			10,350			
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	4,927		R 32						
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----			15,025						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-		5,212	3,182,538						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	12,538	15	309,331	9,430					
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----			8,426						
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	7,533								
ARKANSAS RIVER, ARK.,-----									3,069
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	3,827								
ILLINOIS RIVER, ILL.,-----	3,983								
PORT OF CHICAGO, ILL.,-----	5,052								
TOTAL, SHIPPING AREA-----	70,695	669,577	8,226,737	10,814		14,733		3	3,094
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA./									
GULF OF MEXICO-----									1,458
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----									1,476
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----			629,234						

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2921)
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	113,506	-----	-----	-----	-----	-----	-----
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.,-----	-----	-----	1,102	-----	-----	-----	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	-----	-----	41,058	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	50,479	-----	-----	-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS-----	3,344	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	1,126	1,520	-----	-----	-----	-----	-----	-----	24,885
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	55,639	-----	149,367	-----	-----	-----	5,590	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	1,095	-----	-----	-----	-----	-----	-----	-----	1,193
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	5,502	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	117,185	1,520	934,267	-----	-----	-----	5,590	-----	29,012
ATCHAFALAYA RIVER, LA./	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF OF MEXICO-----	-----	938	240	-----	-----	-----	-----	-----	-----
WARRIOR RIVER SYSTEM-----	-----	-----	57,808	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	12,017	87,469	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	19,836	-----	-----	-----	-----	-----	-----
ATCHAFALAYA RIVER, LA.,-----	3,033	7,082	-----	-----	-----	-----	-----	-----	-----
BAYOU VERNILION, LA.,-----	-----	3,283	-----	-----	-----	-----	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	-----	-----	47,365	-----	-----	-----	4,010	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	7,704	1,126	74,456	-----	-----	-----	7,988	-----	-----
GALVESTON BAY, TEXAS-----	36,910	14,395	5,514	-----	-----	49,352	39,836	-----	5,248
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	9,870	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,594	-----	15,168	-----	-----	-----	4,596	-----	20,285
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	69,577	7,599	-----	-----	-----	179,272	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	313,264	61,067	-----	-----	-----	2,536	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	2,140	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	13,335	-----	-----	-----	-----	-----	-----	-----	-----
WOLF RIVER, TENN.,-----	17,114	3,530	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	2,870	7,484	-----	5,900	-----	-----	-----	-----	-----
TENNESSEE RIVER, TENN., ALA., AND KY.,-----	42,826	17,600	-----	-----	-----	-----	-----	-----	-----
KANAWHA RIVER, W.VA.,-----	6,181	3,041	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	517,548	149,032	307,856	5,900	-----	231,160	56,430	-----	25,533
OUCHITA AND BLACK RIVERS, ARK. AND LA.,/	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF OF MEXICO-----	-----	-----	2,624	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	-----	7,945	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	-----	10,959	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	-----	21,528	-----	-----	-----	-----	-----	-----
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.,/	-----	-----	-----	-----	-----	-----	-----	-----	-----
WARRIOR RIVER SYSTEM-----	-----	-----	214,811	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	9	340,907	-----	-----	-----	-----	2	-----
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.,-----	-----	132	9,858	-----	-----	-----	-----	-----	-----
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	-----	-----	10,418	-----	-----	-----	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	-----	-----	269,443	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	127,992	-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	140,861	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS-----	-----	-----	14,416	-----	-----	23,595	-----	-----	-----

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	-----	92,727	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	31,253	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	72,790	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	141	1,325,496	-----	-----	23,595	-----	2	-----
BAYOU VERMILION, LA./ HARRIOR RIVER SYSTEM-----	-----	-----	63,029	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	653	32,632	-----	-----	-----	-----	-----	-----
ATCHAFALAYA RIVER, LA.,-----	-----	-----	93,387	-----	-----	-----	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	-----	-----	151,319	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	52,426	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	-----	460	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	-----	5,277	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	653	398,530	-----	-----	-----	-----	-----	-----
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,/ GULF OF MEXICO-----	-----	-----	66,228	-----	-----	-----	-----	-----	17,997
HARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	-----	-----	-----	-----	-----	-----	-----	8,918
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	11,490	-----	-----	-----	-----	-----	-----
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	-----	-----	13,957	-----	-----	-----	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	-----	-----	48,308	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	85,735	-----	235,218	-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS-----	51,056	-----	72,826	-----	-----	1,032	2,477	-----	-----
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	14,426	-----	-----	-----	-----	8,179	2,390	-----	-----
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	1,106	-----	2,306	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	32,271	-----	11,533	-----	-----	1,815	-----	-----	116,032
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	8,470	-----	-----	-----	-----	-----	-----	-----	2,681
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	1,296	-----	-----	-----	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	2,140	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	196,500	-----	461,866	-----	-----	11,026	4,867	-----	145,628
CALCASIEU RIVER AND PASS, LA./ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	3,891	-----	-----	9,242	-----	-----	2,582	-----	-----
GULF OF MEXICO-----	57,488	4,449	-----	-----	-----	6,426	-----	231	5,098
HARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	7,253	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	46,617	-----	-----	-----	61,433	-----	-----	-----
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	-----	-----	-----	-----	-----	5,932	-----
ATCHAFALAYA RIVER, LA.,-----	-----	17,326	-----	-----	-----	-----	-----	-----	-----
BAYOU VERMILION, LA.,-----	-----	5,661	-----	-----	-----	-----	-----	-----	-----
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	-----	-----	-----	-----	-----	1,533	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	-----	303,135	185,787	3,894	17,579	-----	35,264	3,312	-----
SABINE-NECHES WATERWAY, TEXAS-----	63,134	27,602	84,520	-----	-----	13,263	23,310	32,645	2,200
GALVESTON BAY, TEXAS-----	50,216	192,449	833,596	-----	-----	270,413	41,925	8,210	21,842
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	69,993	15,918	-----	-----	-----	131,478	-----	-----	11,821
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	9,421	-----	-----	-----	-----	16,349	-----	5,808	6,708

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-	11,026	17,497	6,530	-----	-----	129,439	16,168	1,400	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW	15,147	33,500	215,203	9,243	-----	47,562	-----	-----	13,332
ORLEANS, LA.,-----	-----	-----	-----	-----	-----	-----	-----	21,756	10,220
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING	145,386	89,181	-----	-----	-----	-----	-----	-----	-----
BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----	-----	-----	57,501	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO	59,971	21,614	-----	-----	-----	-----	1,358	-----	-----
RIVER,-----	-----	-----	-----	-----	-----	-----	-----	24,156	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI	16,605	4,751	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	83,258	3,112	-----	-----	-----	-----	-----	-----	-----
YAZOO RIVER AND MOUTH, MISS.,-----	-----	-----	-----	-----	-----	14,337	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,-----	30,945	42,068	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON,-----	-----	-----	-----	-----	-----	-----	-----	1,544	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH,-----	-----	-----	-----	-----	-----	-----	-----	8,758	-----
TENNESSEE RIVER, TENN., ALA., AND KY.,-----	3,402	-----	-----	-----	-----	-----	-----	-----	-----
ALLEGHENY RIVER, PA.,-----	-----	-----	-----	-----	-----	-----	-----	42,823	-----
PORT OF CHICAGO, ILL.,-----	2,140	-----	-----	-----	-----	-----	7,902	131,100	-----
TOTAL, SHIPPING AREA-----	629,278	824,880	1,325,636	22,379	17,579	692,233	128,509	345,176	71,261
SABINE-NECHES WATERWAY, TEXAS/ GULF INTRACOASTAL WATERWAY'	-----	-----	-----	-----	-----	-----	-----	-----	-----
APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	4,879	15,261	-----	33,702	-----	29,338	5,500	-----	-----
GULF OF MEXICO-----	-----	18,323	-----	142	-----	-----	-----	-----	-----
HARBOR RIVER SYSTEM-----	-----	33,086	242,802	-----	-----	64,914	12,322	-----	1,529
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.,-----	60,928	42,013	-----	-----	-----	6,916	13,123	-----	21,755
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO	-----	-----	-----	-----	-----	-----	-----	-----	-----
SABINE RIVER, TEX.,-----	143,687	52,136	1,272	-----	-----	110,045	-----	-----	-----
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY	-----	-----	-----	-----	-----	-----	-----	-----	-----
ROUTE, LA.,-----	-----	-----	-----	-----	-----	-----	26,700	26,137	-----
ATCHAFALAYA RIVER, LA.,-----	-----	7,508	3,408	-----	-----	64,235	-----	-----	-----
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.,-----	-----	701	-----	-----	-----	-----	-----	-----	-----
BAYOU VERMILION, LA.,-----	-----	3,548	-----	-----	-----	-----	-----	-----	-----
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	-----	-----	766	-----	-----	-----	-----	-----	1,211
CALCASIEU RIVER AND PASS, LA.,-----	13,005	7,004	103,397	-----	60,169	114,042	26,353	5,600	74,259
SABINE-NECHES WATERWAY, TEXAS-----	131,159	108,418	574,130	-----	3,125	199,264	200,059	10,819	5,420
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS,-----	-----	-----	-----	-----	-----	-----	1,400	-----	-----
GALVESTON BAY, TEXAS,-----	143,222	338,969	105,178	158,979	-----	1,205,014	155,812	49,008	219,266
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS,-----	76,066	18,486	-----	-----	-----	-----	-----	-----	21,176
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER,-----	2,533	-----	3,110	-----	-----	100,900	28,789	22,626	29,530
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-	38,452	20,851	26,658	7,402	-----	257,585	10,496	20,010	1,363
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.,-----	119,479	21,925	20,370	9,243	-----	179,345	1,400	43,424	81,213
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING	-----	-----	-----	-----	-----	-----	-----	-----	-----
BATON ROUGE, LA.,-----	8,300	27,375	10,462	-----	-----	-----	2,765	28,238	5,909
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	-----	-----	-----	-----	-----	-----	2,683	34,722	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	12,477	-----	-----	-----	-----	3,400	-----	11,982	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	-----	-----	-----	-----	-----	-----	19,090
WOLF RIVER, TENN.,-----	-----	-----	-----	-----	-----	-----	10,400	-----	41,351
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,-----	-----	19,609	-----	10,856	-----	-----	1,355	101,139	18,076
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH,-----	-----	-----	-----	-----	-----	41,964	2,686	61,141	-----
TENNESSEE RIVER, TENN., ALA., AND KY.,-----	-----	-----	-----	-----	-----	-----	-----	-----	17,938
CUMBERLAND RIVER, TENN. AND KY., KANAWHA RIVER, W.VA.,-----	-----	-----	-----	-----	-----	-----	-----	2,782	17,696
ALLEGHENY RIVER, PA.,-----	-----	-----	-----	-----	-----	-----	-----	17,125	-----
ILLINOIS RIVER, ILL.,-----	5,188	20,998	-----	-----	-----	23,184	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	-----	-----	4,700	21,572	105,182	15,641
TOTAL, SHIPPING AREA-----	759,375	756,211	1,091,553	220,324	63,294	2,404,846	523,415	539,895	592,333

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	VAPHTMA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS/									
GULF INTRACOASTAL WATERWAY:									
MISSISSIPPI RIVER, LA., TO			6,122						
SABINE RIVER, TEX.,			29,570						
ATCHAFALAYA RIVER, LA.,			9,980				5,452		
SABINE-NECHES WATERWAY, TEXAS--			177,502						6,200
GALVESTON BAY, TEXAS--									
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW			29,719						
ORLEANS, LA.,									
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING	2,800								
BATON ROUGE, LA.,									
TOTAL, SHIPPING AREA-----	2,800		252,893				5,452		6,200
GALVESTON BAY, TEXAS/									
GULF INTRACOASTAL WATERWAY:									
APALACHEE BAY, FLA., TO MOBILE	66,046	23,631		45,931		6,587	12,099	13,583	
BAY, ALA.,						6,100			
APALACHICOLA, CHATTAHOOCHEE AND									
FLINT RIVERS, GA. AND FLA.,									66,833
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.,									36,947
GULF OF MEXICO--									
WARRIOR RIVER SYSTEM--	72,296	7,397	24,693			44,910		10,730	
GULF INTRACOASTAL WATERWAY:									
MOBILE BAY, ALA., TO NEW									
ORLEANS, LA.,	1,502						2,405		13,727
GULF INTRACOASTAL WATERWAY:									
MISSISSIPPI RIVER, LA., TO			1,686	34,077		98,949			
SABINE RIVER, TEX.,									
GULF INTRACOASTAL WATERWAY:									
PLAQUEMINE TO MORGAN CITY								7,471	
ROUTE, LA.,									4,374
ATCHAFALAYA RIVER, LA.,	32,237	23,408	26,405			15,991			
MERMENTAU RIVER, BAYOU NEZEPQUE AND BAYOU DES CANNES, LA.,	5,099								
CALCASIEU RIVER AND PASS, LA.,	215,418	4,650		10,199	51,753	84,117	44,745	9,276	63,727
SABINE-NECHES WATERWAY, TEXAS--	275,645	105,192	26,314			295,332	120,953	24,420	12,766
GULF INTRACOASTAL WATERWAY:									
SABINE RIVER TO GALVESTON, TEXAS--						7,200			329
GALVESTON BAY, TEXAS--	764,311	877,530	158,394	64,940	6,781	5,598,368	855,113	195,900	263,423
GULF INTRACOASTAL WATERWAY:									
GALVESTON TO CORPUS CHRISTI, TEXAS--	33,277	20,925	119,756	11,189		123,879	676,076	86,618	111,948
GULF INTRACOASTAL WATERWAY:									
CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--	47,061	21,380	7,682		3,478	135,629	149,575	82,541	55,129
MISSISSIPPI RIVER: NEW									
ORLEANS, LA., TO MOUTH OF PASSES--	132,413	11,659	5,539	7,483		400,406	126,045	164,616	273,215
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW									
ORLEANS, LA.,	255,754	554,360	140,730		6,738	880,808	497,993	157,989	144,217
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING									
BATON ROUGE, LA.,	81,975	4,726	10,294	33,373			11,777	1,507	10,099
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO									
RIVER--	4,780	1,793			9,914		2,716	11,613	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI									
RIVER--	36,972				5,811		24,872	47,962	24,230
ARKANSAS RIVER, ARK.,	16,607					9,838			
WOLF RIVER, TENN.,							8,679		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE--	6,040	5,270		11,283		7,088	30,877	4,539	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON--								13,357	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH--	13,835	1,537				33,414	1,800	88,838	1,368
TENNESSEE RIVER, TENN., ALA., AND KY.,		14,882							
CUMBERLAND RIVER, TENN. AND KY.,								1,131	
BIG SANDY RIVER, KY. AND W.VA.,	2,614								38,405
MONONGAHELA RIVER, PA. AND W.VA.,						7,760			
ALLEGHENY RIVER, PA.,		56,159				160		61,171	
ILLINOIS RIVER, ILL.,		89,410					1,441		
PORT OF CHICAGO, ILL.,	16,537	9,988				34,272	6,835	23,990	
TOTAL, SHIPPING AREA-----	2,080,419	1,833,897	521,493	218,475	84,475	7,790,808	2,573,601	967,252	1,120,737
GULF INTRACOASTAL WATERWAY:									
GALVESTON TO CORPUS CHRISTI, TEXAS/									
GULF INTRACOASTAL WATERWAY:									
APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,				9,858					



## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	-----	-----	-----	-----	5,339	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	1,650	-----	-----	-----	-----	-----	-----	-----
ATCHAFALAYA RIVER, LA.,-----	-----	1,358	6,128	-----	-----	-----	-----	-----	-----
BAYOU VERMILION, LA.,-----	-----	771	-----	-----	-----	-----	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	16,886	-----	5,680	-----	-----	-----	-----	-----	48,520
SABINE-NECHES WATERWAY, TEXAS,-----	4,203	-----	27,833	-----	-----	9,775	-----	-----	18,582
GALVESTON BAY, TEXAS,-----	285,531	36,793	42,056	19,810	-----	275,450	69,109	5,686	45,987
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS,-----	-----	4,700	57,044	-----	-----	19,532	6,744	-----	193
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER,-----	7,797	4,820	123,741	-----	-----	8,739	-----	-----	4,184
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	13,537	-----	13,498	-----	-----	6,055	5,003	-----	4,281
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----	-----	3,358	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	-----	6,454	-----	-----	-----	-----	-----
OHIO RIVER/ ENGINEER DISTRICT, PITTSBURGH,-----	-----	-----	-----	-----	-----	7,777	-----	-----	-----
MONONGAHELA RIVER, PA, AND N.YA.,-----	-----	-----	-----	-----	-----	1,332	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	-----	-----	-----	8,386	-----	-----
TOTAL, SHIPPING AREA-----	327,954	50,092	275,980	36,122	-----	335,696	102,375	5,686	121,747
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	200,100	-----	-----	46,001	-----	-----	-----	-----	-----
WARRIOR RIVER SYSTEM,-----	-----	40,483	-----	-----	-----	27,113	-----	-----	15,331
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	-----	-----	-----	15,777	-----	-----	-----
ATCHAFALAYA RIVER, LA.,-----	-----	6,010	-----	-----	-----	33,920	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	3,334	-----	-----	-----	101,120	52,006	-----	-----	28,285
SABINE-NECHES WATERWAY, TEXAS,-----	381,852	142,532	17,506	16,253	-----	39,511	37,546	1,698	-----
GALVESTON BAY, TEXAS,-----	1,152,679	535,878	164,730	101,908	-----	830,193	46,155	8,059	93,265
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS,-----	60,283	50,992	309,278	-----	-----	161,456	3,569	-----	47,022
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER,-----	979,476	252,161	233,707	3,555	-----	592,857	60,611	22	59,329
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	141,948	56,273	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	7,732	3,073	13,620	3,798	-----	84,151	-----	-----	2,909
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,-----	270,668	55,939	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE,-----	-----	5,935	-----	-----	23,137	-----	-----	-----	-----
MISSOURI RIVER,-----	109,778	7,532	-----	-----	-----	-----	10,280	-----	10,662
ILLINOIS RIVER, ILL.,-----	-----	-----	-----	-----	6,694	-----	-----	-----	12,204
MINNESOTA RIVER, MINN.,-----	-----	-----	-----	-----	-----	7,468	-----	-----	4,256
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	-----	37,595	-----	4,243	-----	31,910
TOTAL, SHIPPING AREA-----	3,307,850	1,156,808	738,841	171,515	168,546	1,844,452	162,404	9,779	305,177
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	42,835	34,187	-----	-----	-----	23,184	-----	-----	24,018
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AND FLA.,-----	-----	-----	-----	-----	-----	10,029	-----	-----	-----
GULF OF MEXICO,-----	-----	50,527	-----	-----	-----	-----	-----	-----	23,923
WARRIOR RIVER SYSTEM,-----	2,775	6,000	-----	-----	-----	27,946	-----	-----	12,088
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	26,494	22,660	267	-----	-----	50,510	-----	-----	945
INNERHARBOR NAVIGATION CANAL, LA.,-----	-----	-----	-----	-----	-----	96,212	-----	-----	-----
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO,-----	-----	-----	12,270	-----	-----	-----	-----	-----	-----

**CALENDAR YEAR 1987**

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX., TO ATCHAFALAYA RIVER, LA., INLAND WATERWAY, FRANKLIN TO HERMENTAUX RIVER, LA., BAYOU VERMILION, LA., CALCASIEU RIVER AND PASS, LA., SABINE-NECHES WATERWAY, TEXAS, GALVESTON BAY, TEXAS, GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEXAS, MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA., MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER, MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER, YAZOO RIVER AND MOUTH, MISS., ARKANSAS RIVER, ARK., WOLF RIVER, TENN., OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE, OHIO RIVER' ENGINEER DISTRICT, MUNTINGTON, OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH, TENNESSEE RIVER, TENN., ALA. AND KY., KANAWHA RIVER, W.VA., MONONGAHELA RIVER, PA. AND W.VA., ILLINOIS RIVER, ILL., PORT OF CHICAGO, ILL.,	2,594	230,074 15,136	53,682 39,188			98,965 7,356			
		1,489 5,089 11,564 480 6,561							
			99,655			9,000			
		268,239	514,748			1,263,038	55,784	3,971	7,712
	1,400	100,113	1,050,215			524,766	17,674		40,607
	122,222	96,824	15,633			2,970	4,786		54,096
	5,583	2,964							
	13,576	16,718				25,368		9,262	
	15,538	2,612				3,138			
	74,165	55,822							
	561,350	247,230		61,972	7,768				6,181
		9,524				27,923			
		5,515				14,708			
	380,551 9,258	165,290		1,242		10,693			
		2,600							
	30,933	3,278	5,840			12,750 5,101			
TOTAL, SHIPPING AREA-----	1,289,274	1,360,496	2,375,169	63,214	7,768	2,497,983	97,199	13,233	162,570
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., GULF INTRACOASTAL WATERWAY, APALACHEE BAY, FLA., TO MOBILE BAY, ALA., APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA., GULF OF MEXICO, WARRIOR RIVER SYSTEM, ALABAMA-COOSA RIVERS, ALA. AND GA., GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA., INNERHARBOR NAVIGATION CANAL, LA., WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO, GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX., GULF INTRACOASTAL WATERWAY, PLAQUEMINE TO MORGAN CITY ROUTE, LA., ATCHAFALAYA RIVER, LA., OUCHITA AND BLACK RIVERS, ARK. AND LA., INLAND WATERWAY, FRANKLIN TO HERMENTAUX RIVER, LA., BAYOU VERMILION, LA., CALCASIEU RIVER AND PASS, LA., SABINE-NECHES WATERWAY, TEXAS, GALVESTON BAY, TEXAS, GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEXAS, GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER, MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-	116,379	6,828		69,253		35,203		57,054	
		3,731	36,768			54,498			6,128
	190,624	38,654	46,171			248,665	6,120		31,067
						3,349			
	13,147	5,652				6,355			943
			7,660			1,493			
	5,796	42,026	34,852	5,666		79,641			
	15,948	373,888	444,950			88,437	1,400 80,097	34,922	12,668
	264,151	2,301							
		1,632 3,646 9,058				9,936		3,137	
	46,532	24,785	92,603		28,706	294,546		1,451	8,037
	411,123	616,515	14,782	109,098	3,374	550,648	877,604	58,566	112,581
						24,892		5,777	6,748
							7,488	1,696	14,176
	256,814	345,602	758,219	7,064		1,505,052	4,751	34,661	31,870

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CALENDAR YEAR 1987

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	175,059	336,339	296,669	73,843	23,458	1,069,930	84,162	2	85,007
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	1,591,473	195,761	161,653	292,902	-----	409,274	-----	1,377	94,071
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	62,397	9,313	-----	37,816	-----	-----	-----	7,633	4,334
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	309,644	38,269	133,354	13,456	-----	1,717	1,827	54,908	-----
YAZOO RIVER AND MOUTH, MISS.,-----	6,778	3,304	-----	-----	-----	-----	-----	18,996	33,263
ARKANSAS RIVER, ARK.,-----	35,068	8,055	-----	47,969	-----	6,173	-----	-----	13,902
WOLF RIVER, TENN.,-----	124,783	15,224	-----	-----	-----	30,478	-----	-----	206,448
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	174,863	205,662	-----	104,543	1,321	6,020	-----	4,061	174,474
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	23,176	-----	1,447	75,515
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	288,888	4,559	-----	-----	-----	107,253	-----	9,913	44,731
TENNESSEE RIVER, TENN., ALA, AND KY.,-----	9,304	41,886	-----	-----	-----	-----	-----	1,712	26,614
CUMBERLAND RIVER, TENN. AND KY.,-----	7,729	1,898	-----	-----	-----	-----	1,269	-----	54,986
KANAWHA RIVER, W. VA.,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MONONGAMELA RIVER, PA. AND W. VA.,-----	-----	1,605	-----	-----	-----	9,943	-----	-----	38,887
ALLEGHENY RIVER, PA.,-----	-----	7,402	-----	-----	-----	-----	-----	2,881	-----
MISSOURI RIVER-----	-----	-----	-----	-----	-----	-----	-----	-----	42,629
ILLINOIS RIVER, ILL.,-----	6,400	12,518	-----	-----	-----	542,100	34,242	1,243	109,773
PORT OF CHICAGO, ILL.,-----	3,330	21,126	-----	-----	-----	27,794	1,419	2,902	2,923
TOTAL, SHIPPING AREA-----	4,116,230	2,377,319	2,027,681	761,610	56,859	5,138,563	700,379	304,339	1,231,775
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----	6,278	3,205	-----	12,488
APALACHICOLA, CHATTAMOOCHIEE AND PLANT RIVERS, GA. AND FLA.,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HARRISON RIVER SYSTEM-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	920	-----	-----	-----	-----	-----	-----
ATCHAFALAYA RIVER, LA.,-----	-----	-----	7,666	-----	-----	-----	-----	-----	-----
CALCASTEU RIVER AND PASS, LA.,-----	3,906	-----	-----	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	-----	-----	2,726	-----	-----
GALVESTON BAY, TEXAS-----	7,861	8,352	52,075	-----	-----	-----	5,848	-----	-----
GULF INTRACASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	5,361	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	6,614	-----	48,401	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	23,310	-----	585,553	-----	-----	26,061	-----	-----	9,442
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	131,603	92,704	-----	-----	-----	-----	-----	-----	6,186
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	-----	-----	8,252	-----	-----	1,331	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	-----	1,359	14,881	-----	-----	-----
WOLF RIVER, TENN.,-----	-----	16,101	-----	-----	-----	-----	-----	-----	15,551
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	2,900	7,954	-----	-----	13,260	-----	-----	-----	6,007
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	2,693	-----	-----	-----	-----	-----	-----	-----
TENNESSEE RIVER, TENN., ALA, AND KY.,-----	757	2,819	-----	-----	1,255	-----	-----	-----	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	-----	-----	-----	-----	-----	-----	-----	6,624
ILLINOIS RIVER, ILL.,-----	-----	5,600	-----	-----	-----	-----	1,400</		

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2916)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER TO MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	140,295	22,544	-----	-----	-----	24,728	-----	-----	3,000
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	131,147	37,476	-----	-----	-----	12,529	-----	-----	6,950
OHIO RIVER, TENN.-----	20,761	2,862	-----	-----	-----	-----	-----	-----	-----
LOUISVILLE-----	129,105	124,572	-----	-----	581	3,791	-----	-----	-----
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	10,342	-----	-----	-----
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	51,695	-----	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	10,644	-----	-----	-----	-----	3,601	-----	-----	-----
BIG SANDY RIVER, KY. AND W.VA.-----	-----	-----	-----	-----	-----	1,429	-----	-----	-----
ILLINOIS RIVER, ILL.-----	35,632	4,104	-----	-----	-----	6,352	-----	-----	8,797
BLACK RIVER, MIS.-----	12,531	16,441	-----	-----	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	5,185	-----	1,511	-----
TOTAL, SHIPPING AREA-----	487,561	210,011	-----	-----	581	262,109	-----	4,173	18,747
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ HARRISON RIVER SYSTEM-----	-----	-----	-----	-----	-----	24,404	-----	-----	31,195
CALCASIEU RIVER AND PASS, LA.-----	-----	-----	-----	-----	-----	57,960	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	2,492	-----	-----	-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS-----	1,425	-----	-----	-----	-----	12,109	-----	-----	-----
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	-----	-----	-----	-----	-----	-----	6,075
MISSISSIPPI RIVER TO NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	9,867	-----	-----	-----	176,596	-----	8,274	23,133
MISSISSIPPI RIVER TO BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	6,984	45,873	353,503	-----	-----	428,800	-----	50,973	6,908
MISSISSIPPI RIVER TO MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	12,673	-----	2,872	-----	-----	-----	-----	3,272
MISSISSIPPI RIVER TO MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	242,057	196,382	-----	-----	-----	235,948	-----	-----	100,069
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,022,038	332,626	-----	-----	4,394	6,086	-----	-----	157,667
WOLF RIVER, TENN.-----	2,140	5,460	-----	-----	-----	7,278	-----	-----	42,003
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE-----	350,659	158,452	-----	-----	-----	-----	-----	-----	182,822
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON-----	-----	17,506	-----	-----	-----	5,936	-----	-----	7,350
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH-----	-----	13,910	-----	-----	-----	10,840	-----	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	33,938	6,459	-----	-----	-----	14,468	-----	-----	247,036
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	-----	-----	-----	-----	-----	54,840
MISSOURI RIVER-----	-----	-----	-----	-----	-----	-----	-----	-----	183,199
ILLINOIS RIVER, ILL.-----	258,431	73,443	-----	-----	-----	2,809	-----	-----	54,251
BLACK RIVER, MIS.-----	32,342	4,191	-----	-----	-----	-----	-----	-----	17,774
MINNESOTA RIVER, MINN.-----	-----	-----	-----	-----	-----	54,311	-----	2,137	17,819
PORT OF CHICAGO, ILL.-----	6,886	-----	-----	-----	-----	-----	-----	-----	39,841
TOTAL, SHIPPING AREA-----	1,959,392	876,842	353,503	2,872	4,394	1,037,547	-----	61,384	1,175,247
YAZOO RIVER AND MOUTH, MISS./ SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	-----	-----	2,177	-----	-----
GALVESTON BAY, TEXAS-----	-----	9,376	6,802	-----	-----	-----	4,362	-----	-----
MISSISSIPPI RIVER TO MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	620	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	620	9,376	6,802	-----	-----	-----	6,539	-----	-----
ARKANSAS RIVER, ARK./ SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	-----	-----	-----	7,502	-----
MISSISSIPPI RIVER TO NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	-----	-----	2,607	-----	-----	-----
MISSISSIPPI RIVER TO BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	-----	-----	-----	-----	78,136	-----	-----	21,816
MISSISSIPPI RIVER TO MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	-----	-----	-----	-----	1,381	-----	-----
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	-----	-----	-----	-----	3,985	-----
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE-----	1,635	-----	-----	-----	-----	5,632	-----	-----	18,282
ALLEGHENY RIVER, PA.-----	-----	-----	-----	-----	-----	-----	-----	9,784	-----
MINNESOTA RIVER, MINN.-----	-----	-----	-----	-----	-----	7,294	-----	-----	6,183
TOTAL, SHIPPING AREA-----	1,635	-----	-----	-----	-----	93,669	1,381	21,271	46,281

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CALENDAR YEAR 1987

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	VAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GOLF RIVER, TENN./									
GALVESTON BAY, TEXAS-----						11,060	3,659		
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----							2,247		
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----							1,757		12,726
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						18,264	1,346		
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	15,796	7,911							
GOLF RIVER, TENN.-----	5,045	17,070							
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE-----	158,767	37,339		3,100	4,994	8,870			
OHIO RIVER/ ENGINEER DISTRICT, PITTSBURGH-----					1,404	1,400			
TENNESSEE RIVER, TENN., ALA. AND KY.-----	2,284	5,398		392	553				
CUMBERLAND RIVER, TENN. AND KY.-----	149,209	48,909							
PORT OF CHICAGO, ILL.-----		8,160				9,325			
TOTAL, SHIPPING AREA-----	331,101	122,787		3,492	6,951	48,919	9,009		12,726
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE/									
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						5,975			
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	32,501	2,800				8,622			
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	6,930								
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,823								3,030
ARKANSAS RIVER, ARK.-----						2,834			
GOLF RIVER, TENN.-----	2,660	1,729							
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE-----	57,042	11,976		2,964		30,800			13,202
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON-----									28,710
OHIO RIVER/ ENGINEER DISTRICT, PITTSBURGH-----						62,580			
TENNESSEE RIVER, TENN., ALA. AND KY.-----	3,030	28,191							
CUMBERLAND RIVER, TENN. AND KY.-----									5,726
BIG SANDY RIVER, KY. AND W.VA.-----						3,896			70,363
ALLEGHENY RIVER, PA.-----									
TOTAL, SHIPPING AREA-----	103,986	44,696		2,964		114,707			121,031
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON/									
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----									2,642
SABINE-NECHES WATERWAY, TEXAS-----								1,379	
GALVESTON BAY, TEXAS-----								1,303	
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----								22,430	
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----						72,888		1,425	11,289
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						27,146		5,003	34,356
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----								1,750	
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----								4,556	
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----								18,076	
YAZOO RIVER AND MOUTH, MISS.-----							2,985	12,090	
ARKANSAS RIVER, ARK.-----								2,394	
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE-----	1,689,829	722,073	66,232	696,960	6,628	1,400	1,909	16,282	86,646
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON-----	563,692	448,683		6,034	20,451		2,162	5,304	29,212
OHIO RIVER/ ENGINEER DISTRICT, PITTSBURGH-----	399,328	175,532	51,595	151,988	11,749	3,380	1,251	10,172	6,464
TENNESSEE RIVER, TENN., ALA. AND KY.-----	6,382					113,709			28,592
CUMBERLAND RIVER, TENN. AND KY.-----						2,963			123,645
BIG SANDY RIVER, KY. AND W.VA.-----	17,231		185,705				867		17,204

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
KANAWHA RIVER, N.VA.,-----	638,706	330,445	-----	3,618	25,002	-----	-----	-----	-----
LITTLE KANAWHA RIVER, N.VA.,---	85,954	1,917	-----	-----	-----	-----	-----	-----	-----
MONONGAHELA RIVER, PA. AND	-----	-----	-----	-----	-----	-----	-----	-----	-----
N.VA.,-----	205,825	235,266	-----	6,619	19,418	-----	-----	-----	27,248
ALLEGHENY RIVER, PA.,-----	-----	5,763	-----	-----	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	-----	-----	-----	1,369	1,437	-----
TOTAL, SHIPPING AREA-----	3,606,947	1,919,679	303,532	665,179	83,248	221,446	10,543	103,601	367,379
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY'	-----	-----	-----	-----	-----	-----	-----	1,268	-----
MISSISSIPPI RIVER, LA., TO	-----	-----	-----	-----	-----	-----	-----	-----	-----
SABINE RIVER, TEX.,-----	17,477	-----	-----	-----	-----	2,438	-----	-----	-----
GALVESTON BAY, TEXAS,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY'	-----	-----	-----	-----	-----	-----	-----	1,341	-----
CORPUS CHRISTI, TEXAS, TO THE	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEXICAN BORDER,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE,	-----	-----	-----	-----	-----	-----	-----	-----	-----
LA., TO BUT NOT INCLUDING NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.,-----	-----	-----	-----	-----	-----	11,288	-----	-----	5,572
MISSISSIPPI RIVER' MINNEAPOLIS,	-----	-----	-----	-----	-----	-----	-----	-----	-----
MINN., TO MOUTH OF MISSOURI	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	1,932	-----	-----	-----	-----	-----	-----	-----	-----
YAZOO RIVER AND MOUTH, MISS.,---	-----	-----	-----	-----	-----	-----	-----	16,443	-----
WOLF RIVER, TENN.,-----	-----	-----	-----	-----	-----	-----	-----	-----	1,182
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,-----	1,241	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT,	-----	-----	-----	-----	-----	-----	-----	-----	-----
HUNTINGTON,-----	758	-----	-----	-----	-----	4,664	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH,-----	11,472	36,103	-----	-----	-----	35,823	-----	-----	-----
TENNESSEE RIVER, TENN., ALA.	-----	-----	-----	-----	-----	-----	-----	-----	-----
AND,-----	-----	-----	-----	-----	-----	34,646	-----	-----	-----
CUMBERLAND RIVER, TENN. AND KY.,	-----	-----	-----	-----	-----	2,917	-----	-----	-----
BIG SANDY RIVER, KY. AND N.VA.,---	-----	20,795	1,336	-----	-----	26,260	-----	1,175	-----
MONONGAHELA RIVER, PA. AND	-----	-----	-----	-----	-----	-----	-----	-----	-----
N.VA.,-----	153,990	89,644	-----	-----	-----	-----	-----	-----	5,790
ALLEGHENY RIVER, PA.,-----	-----	195	-----	-----	-----	-----	-----	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	-----	-----	-----	-----	11,116	-----	-----	-----
TOTAL, SHIPPING AREA-----	186,870	146,737	1,336	-----	-----	129,152	-----	20,227	12,544
TENNESSEE RIVER, TENN., ALA. AND KY.,	-----	-----	-----	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS---	-----	-----	-----	-----	-----	-----	-----	-----	7,792
GALVESTON BAY, TEXAS,-----	5,600	14,155	-----	-----	-----	-----	109,852	-----	8,779
GULF INTRACOASTAL WATERWAY'	-----	-----	-----	-----	-----	-----	-----	-----	-----
GALVESTON TO CORPUS CHRISTI,	-----	-----	-----	-----	-----	-----	-----	-----	-----
TEXAS,-----	9,800	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA., TO MOUTH OF PASSES---	-----	8,264	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE,	-----	-----	-----	-----	-----	-----	-----	-----	-----
LA., TO BUT NOT INCLUDING NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.,-----	2,800	-----	-----	-----	-----	-----	5,411	-----	-----
MISSISSIPPI RIVER' MOUTH OF	-----	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER TO BUT NOT INCLUDING	-----	-----	-----	-----	-----	-----	-----	-----	-----
BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----	3,436	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS,	-----	-----	-----	-----	-----	-----	-----	-----	-----
MINN., TO MOUTH OF MISSOURI	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	778	-----	-----	-----	-----	-----	-----	-----	3,022
WOLF RIVER, TENN.,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TENNESSEE RIVER, TENN., ALA.	-----	-----	-----	-----	-----	-----	-----	-----	-----
AND KY.,-----	-----	38,275	40	-----	-----	275	-----	-----	-----
CUMBERLAND RIVER, TENN. AND KY.,	-----	1,699	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	18,978	62,393	40	-----	-----	3,761	115,263	-----	19,593
CUMBERLAND RIVER, TENN. AND KY.,/ OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	36,000	-----	-----	-----	-----	-----	-----
BIG SANDY RIVER, KY. AND N.VA.,/ SABINE-NECHES WATERWAY, TEXAS---	-----	-----	-----	-----	-----	-----	-----	1,383	-----
MISSISSIPPI RIVER' NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA., TO MOUTH OF PASSES---	-----	-----	-----	-----	-----	78,367	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE,	-----	-----	-----	-----	-----	-----	-----	-----	-----
LA., TO BUT NOT INCLUDING NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.,-----	-----	-----	-----	-----	-----	47,159	-----	2,866	-----
MISSISSIPPI RIVER' MOUTH OF	-----	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER TO BUT NOT INCLUDING	-----	-----	-----	-----	-----	-----	-----	-----	-----
BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----	-----	-----	3,168	-----
MISSISSIPPI RIVER' MOUTH OF	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSOURI RIVER TO MOUTH OF OHIO	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	-----	-----	-----	-----	-----	-----	787	31,759	-----
MISSISSIPPI RIVER' MINNEAPOLIS,	-----	-----	-----	-----	-----	-----	-----	-----	-----
MINN., TO MOUTH OF MISSOURI	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER,-----	-----	-----	-----	-----	-----	-----	-----	21,338	-----
YAZOO RIVER AND MOUTH, MISS.,---	-----	-----	-----	-----	-----	-----	-----	1,902	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	-----	-----	-----	-----	-----	2,406	-----

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	VAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	-----	-----	1,954	15,116	115,949	265,730
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	20,061	5,998	1,441	5,348
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	29,733	30,111	93,513	34,353
TENNESSEE RIVER, TENN., ALA. AND KY.-----	-----	-----	-----	-----	-----	111,057	-----	-----	22,805
CUMBERLAND RIVER, TENN. AND KY., KANAWHA RIVER, W.VA.-----	1,557	-----	-----	-----	-----	2,137	-----	-----	210,419
MONONGAHELA RIVER, PA. AND W.VA.-----	2,791	-----	-----	-----	-----	-----	-----	-----	-----
ALLEGHENY RIVER, PA.-----	-----	-----	-----	-----	-----	-----	-----	1,487	144,716
ILLINOIS RIVER, ILL.-----	-----	-----	-----	-----	-----	-----	-----	6,999	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	-----	7,164	1,350	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	-----	-----	1,401	-----
TOTAL, SHIPPING AREA-----	4,338	-----	-----	-----	-----	290,518	59,776	286,992	683,371
KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	775	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	852	-----	-----	-----
TOTAL, SHIPPING AREA-----	775	-----	-----	-----	-----	852	-----	-----	-----
LITTLE KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	-----	3,088	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	1,991	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	-----	5,079	-----	-----	-----	-----	-----	-----
MONONGAHELA RIVER, PA. AND W.VA./ SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	-----	-----	-----	8,298	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	-----	-----	-----	-----	1,966
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	-----	-----	19,600	-----	-----	4,732
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	859	-----	-----	-----	-----	-----	-----	-----	12,376
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	37,800	-----	-----	2,577
SIG SANDY RIVER, KY. AND W.VA., MONONGAHELA RIVER, PA. AND W.VA.-----	-----	23,551	2,871	-----	-----	43,800	-----	-----	-----
TOTAL, SHIPPING AREA-----	859	25,102	2,871	-----	-----	101,200	-----	8,298	21,651
ALLEGHENY RIVER, PA./ SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	-----	-----	-----	1,363	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	-----	-----	-----	20,906	-----
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	-----	-----	-----	-----	-----	2,738	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	-----	-----	-----	-----	1,102	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	-----	-----	-----	-----	-----	-----	6,901	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	-----	-----	-----	-----	-----	3,861	-----
TOTAL, SHIPPING AREA-----	-----	-----	-----	-----	-----	-----	-----	36,871	-----
MISSOURI RIVER/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	-----	-----	5,900	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	-----	-----	-----	-----	-----	9,165
ILLINOIS RIVER, ILL.-----	-----	-----	-----	-----	-----	-----	-----	-----	3,082
TOTAL, SHIPPING AREA-----	-----	-----	-----	-----	-----	5,900	-----	-----	12,247
ILLINOIS RIVER, ILL./ HARRISON RIVER SYSTEM-----	-----	2,284	-----	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	48,255	4,065	-----	-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	-----	5,629	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	18,392	-----	-----	-----	-----	86,631	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	58,259	43,849	-----	-----	-----	21,442	-----	-----	-----

## Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	3,897	4,801	2,538	-----	-----	3,773	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	18,095	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	16,194	-----	-----	-----
TENNESSEE RIVER, TENN., ALA, AND KY.-----	-----	-----	-----	-----	-----	7,164	-----	-----	-----
ILLINOIS RIVER, ILL.-----	77,273	56,800	-----	-----	-----	1,827	-----	-----	6,080
BLACK RIVER, WIS.-----	52,185	18,715	-----	-----	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.-----	1,400	77,376	-----	-----	-----	45,893	-----	-----	16,357
TOTAL, SHIPPING AREA-----	259,661	225,965	2,538	-----	-----	188,553	-----	-----	22,357
BLACK RIVER, WIS./ MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	4,493	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	1,928	-----	-----	-----	-----	-----	-----	11,900
TOTAL, SHIPPING AREA-----	4,493	1,928	-----	-----	-----	-----	-----	-----	11,900
MINNESOTA RIVER, MINN./ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	-----	-----	-----	-----	-----	6,179
LAKE ERIE/ LAKE ERIE-----	-----	-----	-----	-----	-----	2,339	-----	-----	-----
DETROIT AND ROUGE RIVERS, MICH./ DETROIT AND ROUGE RIVERS, MICH.-----	-----	1,624	-----	-----	-----	91,225	-----	-----	739
LAKE MICHIGAN/ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	-----	-----	-----	-----	29,487	19,090
TENNESSEE RIVER, TENN., ALA, AND KY.-----	-----	-----	-----	-----	-----	-----	-----	21,674	11,894
ILLINOIS RIVER, ILL.-----	16,800	-----	-----	-----	-----	2,800	-----	-----	-----
LAKE MICHIGAN-----	3,531	-----	2,528	3,468	-----	14,485	-----	-----	1,758
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	2,606	-----	-----	-----
TOTAL, SHIPPING AREA-----	20,331	-----	2,528	3,468	-----	19,891	-----	51,121	32,742
PORT OF CHICAGO, ILL./ WARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	-----	17,564	-----	-----	7,125
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	-----	-----	-----	-----	-----	21,558	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	7,013	4,826	-----	-----	-----	-----	25,544	1,331	-----
GALVESTON BAY, TEXAS-----	-----	10,202	-----	-----	-----	12,495	11,231	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSE- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	-----	-----	-----	-----	14,747	-----	-----	6,364
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	1,367	-----	-----	-----	-----	62,039	-----	3,376	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	14,357	-----	-----	-----	58,080	-----	-----	55,187
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	159,739	-----	-----	87,977	-----	-----	32,493
WOLF RIVER, TENN.-----	-----	-----	-----	-----	-----	-----	-----	-----	8,918
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	4,595	-----	-----	-----	-----	-----	-----	32,138
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	18,367	4,616	-----	-----	59,571	-----	1,491	3,546
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	8,970	-----	-----	10,647
BIG SANDY RIVER, KY, AND N.VA., MONONGAMELA RIVER, PA, AND N.VA.-----	-----	6,849	-----	-----	-----	18,661	-----	-----	-----
ILLINOIS RIVER, ILL.-----	37,387	30,870	3,376	-----	-----	32,045	10,913	-----	14,146
LAKE MICHIGAN-----	-----	-----	-----	-----	-----	-----	4,200	-----	-----
PORT OF CHICAGO, ILL.-----	57,271	159,072	15,941	2,316	1,253	291,808	40,349	3,988	167,618
TOTAL, SHIPPING AREA-----	103,038	252,997	183,672	2,316	1,253	685,815	92,237	10,186	344,433
LAKE SUPERIOR/ LAKE SUPERIOR-----	-----	8,775	-----	-----	-----	33,982	-----	-----	-----



## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.,-----	32,236	325,065	112,785	-----	-----	7,410,199	-----	6,591	25,842
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA-----	122,765	425,559	3,827,952	191,960	-----	2,382,799	-----	126,711	56,293
SAN JOAQUIN RIVER, CALIF.,-----	-----	-----	-----	-----	-----	133,341	-----	-----	-----
TOTAL, SHIPPING AREA-----	122,765	425,559	3,827,952	191,960	-----	2,516,140	-----	126,711	56,293
SAN JOAQUIN RIVER, CALIF./ SAN FRANCISCO BAY AREA-----	-----	-----	-----	-----	-----	35,067	-----	-----	-----
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH-----	-----	-----	-----	-----	-----	8,925	-----	402	-----
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----	29,952	18,688	-----	-----	-----	-----	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.,-----	12,512	-----	-----	-----	-----	-----	-----	-----	24,672
SNAKE RIVER, OREG., WASH. AND IDAHO-----	-----	11,151	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	42,464	29,835	-----	-----	-----	8,925	-----	402	24,672
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.,/ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH-----	1,300	-----	-----	-----	-----	-----	-----	-----	-----
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----	4,608	50,037	-----	-----	-----	-----	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.,-----	74,159	19,128	-----	-----	-----	-----	-----	-----	-----
SNAKE RIVER, OREG., WASH. AND IDAHO-----	-----	7,705	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	80,067	76,870	-----	-----	-----	-----	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH-----	20,167	26,562	-----	-----	-----	353,576	-----	5,347	-----
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.,-----	-----	1,062	-----	-----	-----	-----	-----	-----	-----
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----	391,371	545,229	-----	45,376	-----	25,506	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG.,-----	50,810	27,904	-----	1,647	-----	97,666	-----	609	-----
SNAKE RIVER, OREG., WASH. AND IDAHO-----	18,765	76,869	-----	-----	-----	1,971	-----	-----	-----
TOTAL, SHIPPING AREA-----	481,113	677,626	-----	47,023	-----	478,719	-----	5,956	-----
GRAYS HARBOR AND CHEHALIS RIVER, WASH./ GRAYS HARBOR AND CHEHALIS RIVER, WASH.,-----	-----	2,558	-----	-----	-----	41,888	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS-----	243,054	267,537	-----	162,609	-----	1,813,266	-----	1,014	499,908
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA--	30,163	73,805	-----	10,262	-----	509	27	63	91
PRINCE WILLIAM & COOK INLET, ALASKA AREA/ PRINCE WILLIAM & COOK INLET, ALASKA AREA-----	1,284	21,496	99,235	17,183	-----	-----	-----	-----	-----
ALASKA PENINSULA/ ALASKA PENINSULA-----	3,282	16,174	-----	8,178	-----	-----	-----	-----	8,248
YUKON RIVER, ALASKA/ YUKON RIVER, ALASKA-----	-----	-----	-----	-----	-----	-----	-----	-----	21,793
BERING SEA PORTS, ALASKA/ BERING SEA PORTS, ALASKA-----	7	11,008	-----	-----	-----	-----	-----	-----	3,344
DAMU, HAWAII/ DAMU, HAWAII-----	7,128	-----	-----	-----	-----	213,833	-----	-----	-----

## Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
TOTAL, ALL SHIPPING AREAS-----	170,078	3,311,740	1,520,705	2,410,950	1,101,721
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----		428,158			
DELAWARE RIVER/ NEW JERSEY SIDE/ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		7,383			
WANTUA CREEK, N.J./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH-----				2,877	
ST. JOHNS RIVER, FLA.-----				18,248	
TOTAL, SHIPPING AREA-----				21,125	
CHOPTANK RIVER, MD./ BALTIMORE HARBOR AND CHANNELS, MD.-----		250			
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ NEW JERSEY SIDE-----		1,067			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH-----				1,108	
ST. JOHNS RIVER, FLA.-----				26,733	
TOTAL, SHIPPING AREA-----		1,067		27,841	
POTOMAC RIVER AND TRIBUTARIES/ POTOMAC RIVER AND TRIBUTARIES-----		200			
HAMPTON ROADS, VA./ BALTIMORE HARBOR AND CHANNELS, MD.-----		3,185			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		19,252			
TOTAL, SHIPPING AREA-----		22,437			
CAPE FEAR RIVER, N.C./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		8,645			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON/ WANTUA CREEK, N.J.-----				8,740	
CHRISTINA RIVER, DEL.-----				7,585	
BALTIMORE HARBOR AND CHANNELS, MD.-----				25,819	
CAPE FEAR RIVER, N.C.-----			1,519		
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----				100	
ST. JOHNS RIVER, FLA.-----			11,451	5,291	
TOTAL, SHIPPING AREA-----			13,370	47,535	
SAVANNAH RIVER, GA./ WANTUA CREEK, N.J.-----					2,382
CAPE FEAR RIVER, N.C.-----				14,607	1,062
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----				5,537	
ST. JOHNS RIVER, FLA.-----				12,508	
TOTAL, SHIPPING AREA-----				32,692	3,444
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH/ DELAWARE RIVER/ NEW JERSEY SIDE-----					225
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		12,079			
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----					1,128
GULF INTRACOASTAL WATERWAY/ PLADJEMINE TO MORGAN CITY ROUTE, LA.-----		3,579			19,036
SABINE-NECHES WATERWAY, TEXAS-----		1,353			
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		79,805			
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----		1,235			1,068
ARKANSAS RIVER, ARK.-----					
TOTAL, SHIPPING AREA-----		85,972			21,232
GULF OF MEXICO/ GULF OF MEXICO-----				200	16,824
PEARL RIVER, MISS. AND LA.-----					3
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----					45,616
CALCASIEU RIVER AND PASS, LA.-----					1,128
SABINE-NECHES WATERWAY, TEXAS-----					2,102
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS-----					10
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----					516
TOTAL, SHIPPING AREA-----				200	66,199
HARRISON RIVER SYSTEM/ HARRISON RIVER SYSTEM-----		5,750	198,095	13,921	93,756
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----			705		
INNERHARBOR NAVIGATION CANAL, LA.-----		5,279	600		
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----					4,354
SABINE-NECHES WATERWAY, TEXAS-----		4,374			
GALVESTON BAY, TEXAS-----		2,800	75,886	80	13,921

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3317)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	-----	17,144	-----	1,400	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	-----	-----	-----	1,430	1,432
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	-----	-----	-----	4,086	-----
ARKANSAS RIVER, ARK.	-----	1,400	9,155	-----	1,400
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	-----	-----	2,870	6,592	-----
LAKE MICHIGAN	-----	-----	1,450	-----	-----
PORT OF CHICAGO, ILL.	-----	-----	4,316	55,005	-----
TOTAL, SHIPPING AREA	-----	36,747	293,077	82,514	114,863
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA./	-----	-----	-----	-----	-----
HARRIS RIVER SYSTEM	5,818	-----	7,375	424	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	-----	-----	-----	1,400	-----
GULF INTRACOASTAL WATERWAY' PLAJEMINE TO MORGAN CITY ROUTE, LA.	-----	1,359	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS	-----	11,969	-----	-----	-----
GALVESTON BAY, TEXAS	4,245	5,927	1,400	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	-----	43,941	1,000	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	-----	-----	1,400	2,800	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,749	-----	-----	2,400	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,629	-----	1,545	-----	-----
ARKANSAS RIVER, ARK.	1,515	7,915	6,446	20,213	1,400
OHIO RIVER, TENN.	-----	-----	1,400	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	-----	736	-----	12,962	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	-----	1,596	1,349	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	-----	-----	1,086	1,495	-----
TENNESSEE RIVER, TENN., ALA. AND KY.	10,584	-----	-----	-----	-----
MONONGAMELA RIVER, PA. AND W.VA.	1,600	-----	-----	-----	-----
ILLINOIS RIVER, ILL.	1,543	1,402	-----	-----	-----
LAKE MICHIGAN	4,558	1,537	-----	-----	-----
PORT OF CHICAGO, ILL.	-----	1,184	8,300	-----	-----
TOTAL, SHIPPING AREA	54,369	77,566	32,387	45,194	1,400
INNERHARBOR NAVIGATION CANAL, LA./	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS	-----	11,801	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	-----	13,993	-----	-----	56
YAZOO RIVER AND MOUTH, MISS.	-----	-----	-----	1,365	-----
ARKANSAS RIVER, ARK.	-----	2,622	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	-----	1,409	-----	562	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	-----	4,492	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	-----	2,840	1,487	684	-----
CUMBERLAND RIVER, TENN. AND KY.	-----	-----	-----	828	-----
MONONGAMELA RIVER, PA. AND W.VA.	-----	1,573	-----	-----	-----
ALLEGHENY RIVER, PA.	-----	2,937	-----	-----	-----
ILLINOIS RIVER, ILL.	-----	-----	1,456	4,863	-----
LAKE MICHIGAN	-----	15,998	-----	-----	-----
PORT OF CHICAGO, ILL.	-----	-----	-----	142	1,302
TOTAL, SHIPPING AREA	-----	57,595	2,943	8,444	1,358
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./	-----	-----	-----	-----	442,529
GULF OF MEXICO	-----	-----	-----	-----	2,300
INNERHARBOR NAVIGATION CANAL, LA.	-----	3,246	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	-----	30	-----	-----	18,636
ATCHAFALAYA RIVER, LA.	-----	-----	-----	-----	75
INLAND WATERWAY, FRANKLIN TO MERMENAU RIVER, LA.	-----	-----	-----	-----	200
BAYOU VERMILION, LA.	-----	-----	-----	-----	20
SABINE-NECHES WATERWAY, TEXAS	-----	19,792	-----	700	-----
GALVESTON BAY, TEXAS	-----	1,008	-----	2,192	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	-----	-----	-----	-----	663
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	-----	61,259	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	-----	2,886	-----	-----	-----
ARKANSAS RIVER, ARK.	-----	1,450	-----	-----	2,869
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	-----	1,450	-----	-----	-----
TOTAL, SHIPPING AREA	-----	91,101	-----	2,892	467,292
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA./	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS	-----	2,854	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	-----	59,722	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	-----	-----	-----	-----	7,250
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	-----	9,934	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	-----	-----	-----	1,450	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	-----	1,400	-----	-----	-----
KANAWHA RIVER, W.VA.	-----	-----	-----	-----	5,052
MONONGAMELA RIVER, PA. AND W.VA.	-----	2,243	-----	-----	3,463
ALLEGHENY RIVER, PA.	-----	1,856	-----	-----	-----
ILLINOIS RIVER, ILL.	-----	5,646	-----	-----	3,233
LAKE MICHIGAN	-----	2,857	-----	-----	-----
TOTAL, SHIPPING AREA	-----	86,512	-----	1,450	18,998

## Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
ATCHAFALAYA RIVER, LA./ GULF OF MEXICO-----	-----	-----	-----	-----	40
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	-----	-----	-----	-----	68
ATCHAFALAYA RIVER, LA.-----	-----	9	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	9	-----	-----	108
INLAND WATERWAY, FRANKLIN TO WERMENTAU RIVER, LA./ GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	-----	-----	-----	-----	1
BAYOU VERMILION, LA./ GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	-----	-----	-----	-----	328
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.-----	-----	1,400	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	1,500	-----	-----	500
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	2,900	-----	-----	828
CALCASIEU RIVER AND PASS, LA./ GULF OF MEXICO-----	-----	-----	-----	-----	1,581
SABINE-NECHES WATERWAY, TEXAS/ GULF OF MEXICO-----	-----	-----	-----	-----	3,833
SABINE-NECHES WATERWAY, TEXAS-----	-----	3,728	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	1,374	-----	2,650	-----
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	1,250	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	3,841	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	4,412	1,377	6,080	-----
ARKANSAS RIVER, ARK.-----	-----	-----	-----	2,538	-----
OHIO RIVER, TENN.-----	-----	-----	2,695	47,090	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	6,459	53,054	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	16,393	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	-----	-----	7,445	-----	-----
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	1,348	18,893	-----
PORT OF CHICAGO, ILL.-----	-----	-----	1,288	30,552	-----
TOTAL, SHIPPING AREA-----	-----	14,605	20,612	179,250	3,833
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	-----	-----	-----	1,601	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	37,159	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	9,200	-----	-----	875
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	-----	-----	-----	-----	92
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	14,453	1,399	-----	1,480
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	37,573	-----	1,300	1,400
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	3,039	-----	-----	11,084
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	5,575	-----	-----	-----
ARKANSAS RIVER, ARK.-----	-----	6,830	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	1,400	-----	628	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	3,272	1,114	6,386	-----
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	1,321	-----
MONONGAHELA RIVER, PA. AND W.VA.-----	-----	1,409	-----	-----	-----
ALLEGHENY RIVER, PA.-----	-----	9,217	-----	-----	-----
MISSOURI RIVER-----	-----	-----	-----	1,410	-----
LAKE MICHIGAN-----	-----	8,000	-----	-----	-----
PORT OF CHICAGO, ILL.-----	-----	68,265	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	205,392	2,513	12,646	14,931
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS/ GULF OF MEXICO-----	-----	-----	-----	-----	20
SABINE-NECHES WATERWAY, TEXAS-----	-----	23,918	-----	-----	-----
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	-----	-----	-----	1	2,956
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	1,106	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	2,800	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	1,441	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	29,265	-----	1	2,976
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/ SABINE-NECHES WATERWAY, TEXAS-----	-----	19,924	-----	-----	-----
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	-----	-----	-----	497
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	1,450	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	-----	1,405	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	1,396	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	996	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	-----	-----	-----	1,279	-----
PORT OF CHICAGO, ILL.-----	-----	-----	1,266	4,209	-----
TOTAL, SHIPPING AREA-----	-----	21,374	1,266	15,540	497

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1967

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA., GULF OF MEXICO-----				25,573	9
HARRIOR RIVER SYSTEM-----	1,408		31,294	18,678	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA., INNERHARBOR NAVIGATION CANAL, LA.,-----			1,450	1,400	420
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----			1,237	12,007	15,393
SABINE-NECHES WATERWAY, TEXAS-----		1,410			
GALVESTON BAY, TEXAS-----			10,106	34,569	88,138
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----			3,493	15,079	933
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----				1,542	1,179
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----		776	1,300	20,659	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----			69,753	39,435	27,025
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----			6,838	36,029	6,987
YAZOO RIVER AND MOUTH, MISS.,-----			2,528	24,698	383
ARKANSAS RIVER, ARK.,-----	1,600	850	20,730	69,091	15,472
WOLF RIVER, TENN.,-----			37,685	45,430	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----		200	59,446	148,498	12,165
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----			1,381	2,668	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----			38,349	70,900	1,139
TENNESSEE RIVER, TENN., ALA. AND KY.,-----			1,375	5,424	
CUMBERLAND RIVER, TENN. AND KY.,-----			29,536	68,918	
MONONGAMELA RIVER, PA. AND W.VA.,-----				3,871	
ALLEGHENY RIVER, PA.,-----				1,600	
MISSOURI RIVER-----			1,914	9,229	
ILLINOIS RIVER, ILL.,-----			16,745	14,561	2,474
LAKE MICHIGAN-----			51,637	7,538	
PORT OF CHICAGO, ILL.,-----			62,492	226,105	18,309
TOTAL, SHIPPING AREA-----	3,008	3,236	449,089	905,075	190,026
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,/ HARRIOR RIVER SYSTEM-----	5,684				
INNERHARBOR NAVIGATION CANAL, LA.,-----		1,400			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----				833	3,060
DUCHITA AND BLACK RIVERS, ARK. AND LA.,-----					
CALCASIEU RIVER AND PASS, LA.,-----			902		
SABINE-NECHES WATERWAY, TEXAS-----	5,600	23,599			
GALVESTON BAY, TEXAS-----	11,425		1,026	1,400	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	4,700				
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----			337		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1,358	3,725	22,025	1,459	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	10,564	1,473	1,285		
ARKANSAS RIVER, ARK.,-----	3,948	1,120	7,446	39,067	
WOLF RIVER, TENN.,-----				697	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----			2,320	1,162	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	21,077	4,200	67,704	102,676	
TENNESSEE RIVER, TENN., ALA. AND KY.,-----			21,492	57,557	
CUMBERLAND RIVER, TENN. AND KY.,-----			3,685	1,371	
ILLINOIS RIVER, ILL.,-----			4,888		1,388
LAKE MICHIGAN-----		6,042	14,092		
PORT OF CHICAGO, ILL.,-----	2,821	2,954	5,549	79,670	
TOTAL, SHIPPING AREA-----	67,197	44,513	152,751	285,892	4,444
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,/ SABINE-NECHES WATERWAY, TEXAS-----		17,141			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----		39,064			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		14,037			
ARKANSAS RIVER, ARK.,-----		5,560		1,600	
WOLF RIVER, TENN.,-----				2,848	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----		1,646			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----		6,334			
MONONGAMELA RIVER, PA. AND W.VA.,-----		2,843			
ALLEGHENY RIVER, PA.,-----		1,100			
MISSOURI RIVER-----		1,402			
ILLINOIS RIVER, ILL.,-----		4,303			
LAKE MICHIGAN-----		1,600			
TOTAL, SHIPPING AREA-----		95,030		4,448	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ HARRIOR RIVER SYSTEM-----				3,126	6,248
INNERHARBOR NAVIGATION CANAL, LA.,-----		6,595			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----			1,323	15,770	
SABINE-NECHES WATERWAY, TEXAS-----		60,694			
GALVESTON BAY, TEXAS-----			11,277	89,441	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----		702		2,976	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----		88,087			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----				1,852	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----				2,164	

## Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
ARKANSAS RIVER, ARK.,-----	-----	-----	3,014	6,095	-----
WOLF RIVER, TENN.,-----	-----	-----	-----	8,610	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	3,145	-----	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	-----	-----	9,292	-----
MONONGAMELA RIVER, PA. AND N.VA.,-----	-----	1,600	-----	-----	-----
MISSOURI RIVER,-----	-----	-----	-----	968	-----
ILLINOIS RIVER, ILL.,-----	-----	3,235	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	464	1,246	-----
TOTAL, SHIPPING AREA-----	-----	164,038	16,023	141,540	6,248
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ HARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	6,534
GULF INTRACASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	1,503	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	20,034	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	1,286	4,575	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	1,440	12,280	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	1,400	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	22,874	15,069	4,575	6,534
YAZOO RIVER AND MOUTH, MISS./ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	1,087	-----
ILLINOIS RIVER, ILL.,-----	-----	-----	-----	685	-----
TOTAL, SHIPPING AREA-----	-----	-----	-----	1,772	-----
ARKANSAS RIVER, ARK./ HARRIOR RIVER SYSTEM-----	-----	-----	-----	1,410	1,300
SABINE-NECHES WATERWAY, TEXAS-----	-----	16,766	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	1,330
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	1,573	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	53,476	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	1,405	-----	1,400	-----
ARKANSAS RIVER, ARK.,-----	-----	2,680	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	4,025	1,562	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	612	1,531	2,817	30,773	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	2,782	-----	-----	-----
MONONGAMELA RIVER, PA. AND N.VA.,-----	-----	8,552	-----	-----	-----
ALLEGHENY RIVER, PA.,-----	-----	1,303	-----	-----	-----
MISSOURI RIVER,-----	-----	1,428	-----	-----	-----
LAKE MICHIGAN-----	-----	1,353	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	1,400	-----	-----
TOTAL, SHIPPING AREA-----	612	96,874	5,779	33,583	2,630
WOLF RIVER, TENN./ HARRIOR RIVER SYSTEM-----	-----	-----	-----	900	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	2,794	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	980	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	1,265	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	22,593	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	1,397	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	890	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	1,441	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	981	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	1,419	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	30,625	-----	3,535	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/ SABINE-NECHES WATERWAY, TEXAS-----	-----	125,390	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	1,412	-----	-----	34,090
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	2,505	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	199,101	-----	12,279	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	1,400	-----	2,400	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	79,409	-----	1,653	-----
ARKANSAS RIVER, ARK.,-----	-----	5,489	-----	-----	36,173
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	723	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	79,907	-----	-----	3,259
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	21,942	-----	-----	-----
MONONGAMELA RIVER, PA. AND N.VA.,-----	-----	2,767	-----	-----	-----
ALLEGHENY RIVER, PA.,-----	-----	25,679	-----	-----	-----
MISSOURI RIVER,-----	-----	8,243	-----	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	7,447	-----	-----	-----
LAKE MICHIGAN-----	-----	8,897	-----	1,443	-----
PORT OF CHICAGO, ILL.,-----	-----	1,611	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	568,734	723	20,280	73,522
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ GULF INTRACASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	-----	-----	500
SABINE-NECHES WATERWAY, TEXAS-----	-----	14,164	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	4,392	37,526	9,989
GULF INTRACASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	-----	23,920	-----

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	19,700	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	-----	1,449	575
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	9,224	8,799	2,905
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	1,400	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	7,223	62,855	1,810
GULF RIVER, TENN.,-----	-----	-----	2,868	43,175	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	1,455	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	2,855	2,338	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	20,769	-----	-----	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	-----	4,477	46,041	-----
MISSOURI RIVER-----	-----	-----	5,175	1,342	-----
LAKE MICHIGAN-----	-----	1,597	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	3,000	-----	-----	1,050	-----
TOTAL, SHIPPING AREA-----	3,000	57,630	36,214	229,950	15,339
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ HARRIOR RIVER SYSTEM-----	-----	-----	-----	5,995	2,600
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	2,628	-----	-----
GALVESTON BAY, TEXAS-----	1,678	1,425	15,526	45,839	27,144
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	-----	12,356	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	11,648	2,347
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	4,452	49,321	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	5,037	6,914	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	1,379	5,087	38,485	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	1,655	8,427	-----
YAZOO RIVER AND MOUTH, MISS.,-----	-----	-----	-----	953	-----
ARKANSAS RIVER, ARK.,-----	-----	1,286	1,672	24,173	994
GULF RIVER, TENN.,-----	-----	-----	21,980	9,308	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	16,473	-----	15,760	15,661	918
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	5,882	24,343	-----	2,466	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	9,675	3,106	650
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	-----	141,160	46,634	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	1,568	5,612	64,332	-----
ALLEGHENY RIVER, PA.,-----	-----	1,500	4,682	-----	-----
MISSOURI RIVER-----	-----	-----	-----	6,489	-----
ILLINOIS RIVER, ILL.,-----	-----	3,014	-----	-----	-----
BLACK RIVER, MIS.,-----	4,620	-----	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	5,755	-----	16,516	30,367	-----
TOTAL, SHIPPING AREA-----	38,860	87,836	246,990	333,053	34,653
TENNESSEE RIVER, TENN., ALA. AND KY./ HARRIOR RIVER SYSTEM-----	-----	1,407	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	1,284	-----	-----	-----
INNERHARBOR NAVIGATION CANAL, LA.,-----	-----	1,120	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	26,376	-----	1,406	-----
GALVESTON BAY, TEXAS-----	-----	1,426	2,809	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	4,350	798	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	20,223	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	18,079	-----	-----	10,264
ARKANSAS RIVER, ARK.,-----	-----	9,633	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	5,647	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	13,842	-----	198	760
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	370	-----	-----	450
MISSOURI RIVER-----	-----	2,756	-----	-----	-----
BLACK RIVER, MIS.,-----	-----	-----	-----	-----	1,010
MINNESOTA RIVER, MINN.,-----	-----	-----	-----	-----	15,735
LAKE MICHIGAN-----	-----	17,110	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	22,587	1,233	3,934
TOTAL, SHIPPING AREA-----	-----	123,623	26,194	2,837	30,157
CUMBERLAND RIVER, TENN. AND KY./ SABINE-NECHES WATERWAY, TEXAS-----	-----	3,698	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	63,768	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	50,490	-----	2,877	-----
ARKANSAS RIVER, ARK.,-----	-----	1,491	-----	1,002	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	1,417	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	26,216	-----	-----	-----
MONONGAMELA RIVER, PA. AND W.VA.,-----	-----	2,873	-----	-----	-----
MISSOURI RIVER-----	-----	7,146	-----	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	1,471	-----	-----	-----
LAKE MICHIGAN-----	-----	4,480	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	163,250	-----	3,879	-----
KANAWHA RIVER, W.VA./ SABINE-NECHES WATERWAY, TEXAS-----	-----	1,600	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	-----	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	1,405	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	1,416	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	10,409	-----	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	2,900	-----	-----	-----

## Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MONONGAMELA RIVER, PA. AND W.VA.,-----	-----	1,450	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	3,779	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	24,414	-----	-----	-----
MONONGAMELA RIVER, PA. AND W.VA.,-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	1,600	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	9,003	27,247	7,623
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	26,045	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	2,589	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	1,409	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	959	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	15,553	6,882	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	813	47,027	17,419	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	2,814	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	1,000	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	2,863	-----	-----	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	-----	-----	2,659	-----
ALLEGHENY RIVER, PA.,-----	-----	4,250	-----	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	4,231	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	2,940	-----
TOTAL, SHIPPING AREA-----	-----	30,802	75,561	61,920	7,623
ALLEGHENY RIVER, PA./-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	1,216
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	1,572	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	5,602	-----	-----	-----
ALLEGHENY RIVER, PA.,-----	-----	43,636	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	50,810	-----	-----	1,216
ILLINOIS RIVER, ILL./-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	-----	-----	936	1,048	-----
HARBOR RIVER SYSTEM-----	-----	-----	1,642	-----	-----
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	1,400	7,040	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	4,368	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	4,026	3,857	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSER-----	-----	-----	-----	2,378	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	13,131	903	-----	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	888	2,704	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	-----	1,400	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	1,400	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	-----	1,966	9,320	-----
WOLF RIVER, TENN.,-----	-----	-----	1,858	5,857	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	1,980	12,599	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	1,416	-----	-----	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	-----	-----	3,900	-----
LAKE MICHIGAN-----	-----	6,089	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	7,045	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	33,449	15,599	50,103	-----
LAKE MICHIGAN/-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	-----	-----	14,946	5,320	-----
HARBOR RIVER SYSTEM-----	-----	-----	10,448	2,858	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	-----	-----	3,646	-----
INNERHARBOR NAVIGATION CANAL, LA.,-----	-----	-----	-----	4,171	-----
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	1,332	28,786	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	47,923	3,784	13,153	-----
GALVESTON BAY, TEXAS-----	-----	4,260	6,815	13,607	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	49,453	-----	2,800	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	2,469	8,143	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	6,148	1,239	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	1,265	1,400	-----
YAZOO RIVER AND MOUTH, MISS.,-----	-----	-----	2,476	3,086	-----
ARKANSAS RIVER, ARK.,-----	-----	1,360	7,694	6,635	-----
WOLF RIVER, TENN.,-----	-----	2,530	3,846	17,799	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	685	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	14,460	954	1,236	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	6,731	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	-----	-----	12,366	10,892	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	-----	15,375	24,423	-----
ILLINOIS RIVER, ILL.,-----	-----	19,155	-----	13,454	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	2,583	1,400	-----
TOTAL, SHIPPING AREA-----	-----	139,141	92,501	171,064	-----
PORT OF CHICAGO, ILL./-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	-----	-----	1,600	-----
INNERHARBOR NAVIGATION CANAL, LA.,-----	-----	1,492	-----	930	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	92,894	1,400	2,202	-----
GALVESTON BAY, TEXAS-----	-----	1,400	2,696	4,760	-----



## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	7,082	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	169,155	-----	2,932	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	-----	-----	1,950	1,040
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	13,798	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	78,515	-----	1,304	-----
YAZOO RIVER AND MOUTH, MISS.-----	-----	-----	-----	1,162	-----
ARKANSAS RIVER, ARK.-----	1,600	2,932	2,550	5,152	-----
WOLF RIVER, TENN.-----	-----	-----	-----	1,416	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	1,611	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	1,432	-----	-----	6,918	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	-----	1,400	1,600	6,984	-----
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	17,201	-----
ILLINOIS RIVER, ILL.-----	-----	18,370	-----	14,533	-----
LAKE MICHIGAN-----	-----	4,410	-----	-----	-----
PORT OF CHICAGO, ILL.-----	-----	1,400	-----	-----	-----
TOTAL, SHIPPING AREA-----	3,032	373,579	22,044	79,626	1,040
LOS ANGELES AND LONG BEACH HARBORS, CALIF./	-----	-----	-----	-----	-----
LOS ANGELES AND LONG BEACH HARBORS, CALIF.-----	-----	10	-----	-----	1,417
SAN JOAQUIN RIVER, CALIF./	-----	-----	-----	-----	-----
SAN FRANCISCO BAY AREA-----	-----	-----	-----	-----	5,000
OLD RIVER, CALIF./	-----	-----	-----	-----	-----
SAN FRANCISCO BAY AREA-----	-----	-----	-----	-----	2,000
SACRAMENTO RIVER, CALIF./	-----	-----	-----	-----	-----
SACRAMENTO RIVER, CALIF.-----	-----	-----	-----	-----	100
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./	-----	-----	-----	-----	-----
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH-----	-----	28	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS/	-----	-----	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS-----	-----	2,875	-----	494	-----
LOWER & UPPER SOUTHEAST ALASKA/	-----	-----	-----	-----	-----
LOWER & UPPER SOUTHEAST ALASKA-----	-----	92	-----	-----	2

## Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
TOTAL, ALL SHIPPING AREAS-----	1,407,555	5,960,183	2,071,645	4,611,094	4,475,267	22,507,854	11,788,236
THAMES RIVER, CONN./ THAMES RIVER, CONN.-----			24,007				
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----		49,414		6,471	82,675	130,838	
UPPER HUDSON RIVER, N.Y.-----				10,666			
TOTAL, SHIPPING AREA-----		49,414		17,137	82,675	130,838	
DELAWARE RIVER' NEW JERSEY SIDE/ DELAWARE RIVER' NEW JERSEY SIDE-----			1,000				
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----						67,724	
SCHUYLKILL RIVER, PA.-----			3,467				
BALTIMORE HARBOR AND CHANNELS, MD.-----			40,600		28,216		
HAMPTON ROADS, VA.-----			24,900		1,319		
TOTAL, SHIPPING AREA-----			66,500	3,467	29,535	67,724	
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER' NEW JERSEY SIDE-----		13,799	80,245		4,087		
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----		23,480				159,376	
WISPIILLION RIVER, DEL.-----							6,253
SCHUYLKILL RIVER, PA.-----		7,360					
BALTIMORE HARBOR AND CHANNELS, MD.-----		3,680	21,530				
JAMES RIVER, VA.-----			18,760			238,918	
SAVANNAH RIVER, GA.-----			19,890				
TOTAL, SHIPPING AREA-----		48,319	140,425		4,087	398,294	6,253
CHRISTINA RIVER, DEL./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----		17,877					
SCHUYLKILL RIVER, PA./ DELAWARE RIVER' NEW JERSEY SIDE-----		1,840					
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----		20,841				231,697	
CHRISTINA RIVER, DEL.-----		1,724					
TOTAL, SHIPPING AREA-----		24,405				231,697	
CHOPTANK RIVER, MD./ NANTICOKE RIVER, DEL. AND MD.-----							27,167
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----							7,381
NANTICOKE RIVER, DEL. AND MD.-----							1,669
BALTIMORE HARBOR AND CHANNELS, MD.-----			181,629		5,680		
TOTAL, SHIPPING AREA-----			181,629		5,680		9,050
JAMES RIVER, VA./ NANTICOKE RIVER, DEL. AND MD.-----						29,441	11,229
CHOPTANK RIVER, MD.-----						3,153	
BALTIMORE HARBOR AND CHANNELS, MD.-----							4,909
HAMPTON ROADS, VA.-----							326,918
NEUSE RIVER, N.C.-----							4,062
TOTAL, SHIPPING AREA-----						32,594	347,118
HAMPTON ROADS, VA./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----							6,762
CHESAPEAKE BAY-----							3,406
NANTICOKE RIVER, DEL. AND MD.-----							2,647
BALTIMORE HARBOR AND CHANNELS, MD.-----							6,177
YORK RIVER, VA.-----							3,320
JAMES RIVER, VA.-----							2,862
ROANOKE RIVER, N.C.-----							1,362
TOTAL, SHIPPING AREA-----							26,536
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, WILMINGTON/ NEUSE RIVER, N.C.-----							1,317
PAMLICO AND TAR RIVERS, N.C./ NANTICOKE RIVER, DEL. AND MD.-----							4,430
BALTIMORE HARBOR AND CHANNELS, MD.-----							21,654
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, WILMINGTON-----						319,500	1,508,000
TOTAL, SHIPPING AREA-----						319,500	1,534,084
CAPE FEAR RIVER, N.C./ BALTIMORE HARBOR AND CHANNELS, MD.-----							1,557
NEUSE RIVER, N.C.-----							12,197
CAPE FEAR RIVER, N.C.-----							67,065
NORTHEAST (CAPE FEAR) RIVER, N.C.-----				169,312		725,580	

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON							1,329
SAVANNAH RIVER, GA.					8,052		
TOTAL, SHIPPING AREA				169,312	8,052	725,580	82,148
SAVANNAH RIVER, GA./							
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE						20,400	
SAVANNAH RIVER, GA.							3,774
ST. JOHNS RIVER, FLA.				588			
TOTAL, SHIPPING AREA				588		20,400	3,774
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, SAVANNAH /							
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON					700		
ST. JOHNS RIVER, FLA.					3,500		
TOTAL, SHIPPING AREA					4,200		
ST. JOHNS RIVER, FLA./							
CAPE FEAR RIVER, N.C.				2,400			
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, SAVANNAH					61,904		
TOTAL, SHIPPING AREA				2,400	61,904		
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA./							
WARRIOR RIVER SYSTEM							5,461
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						3,151	2,547
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							4,981
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							4,937
WOLF RIVER, TENN.							6,585
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE							1,434
TENNESSEE RIVER, TENN., ALA. AND KY.							34,849
TOTAL, SHIPPING AREA						3,151	60,794
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./							
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							2,898
GULF OF MEXICO/							
GULF OF MEXICO			615	1		13,040	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			117			99	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			72			39,136	
ATCHAFALAYA RIVER, LA.						144	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			69				
TOTAL, SHIPPING AREA			873	1		52,419	
WARRIOR RIVER SYSTEM/							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.					10,800		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							4,896
WARRIOR RIVER SYSTEM					64,925	5,111	1,475
ALABAMA-COOSA RIVERS, ALA. AND GA.							1,425
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.							54,231
LAKE MAJREPAS, LA.							1,426
CALCASIEU RIVER AND PASS, LA.					8,600		
GALVESTON BAY, TEXAS					4,783	24,925	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES						15,088	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.					2,400	63,359	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						9,751	6,400
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					2,402	2,090	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						2,078	
YAZOO RIVER AND MOUTH, MISS.							2,802
ARKANSAS RIVER, ARK.						2,078	
WOLF RIVER, TENN.					1,200	1,381	1,184
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						1,436	
TENNESSEE RIVER, TENN., ALA. AND KY.					34,900	36,103	2,782
KANAWHA RIVER, W.VA.					4,800		
MONONGAMELA RIVER, PA. AND W.VA.							2,079
PORT OF CHICAGO, ILL.					3,960	11,631	
TOTAL, SHIPPING AREA					136,770	175,031	78,700

## Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAJ8TTC S00A) (CODE 2810)	CHEMICALS AND SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,						13,573	-----
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,							22,298
WARRIOR RIVER SYSTEM							7,186
ALABAMA-COOSA RIVERS, ALA. AND GA.,							
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,						11,655	7,099
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,							1,616
SABINE-NECHES WATERWAY, TEXAS		9,011				5,613	-----
GALVESTON BAY, TEXAS		6,000				64,082	10,757
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS						40,707	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						18,222	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,			114,235			57,785	10,346
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,							36,980
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						21,559	23,777
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						11,127	145,233
YAZOO RIVER AND MOUTH, MISS.,							12,098
ARKANSAS RIVER, ARK.,						1,418	53,552
WOLF RIVER, TENN.,							12,103
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						30,000	75,510
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						6,559	4,586
TENNESSEE RIVER, TENN., ALA. AND KY.,							64,880
CUMBERLAND RIVER, TENN. AND KY.,						50,356	6,055
ALLEGHENY RIVER, PA.,						490	-----
MISSOURI RIVER							39,704
ILLINOIS RIVER, ILL.,						12,318	50,474
MINNESOTA RIVER, MINN.,							4,510
PORT OF CHICAGO, ILL.,						812	-----
TOTAL, SHIPPING AREA		15,011	114,235			346,276	588,724
INNERHARBOR NAVIGATION CANAL, LA.,							
WARRIOR RIVER SYSTEM						525	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,						2,275	-----
CALCASIEU RIVER AND PASS, LA.,						350	-----
TOTAL, SHIPPING AREA						3,150	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,							
GULF OF MEXICO				1		148,293	-----
WARRIOR RIVER SYSTEM						350	-----
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,						150	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,			20	24		5,527	-----
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.,						718	-----
ATCHAFALAYA RIVER, LA.,						595	-----
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.,						1	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES							118
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON							1,477
TOTAL, SHIPPING AREA			20	25		457,229	-----
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.,							
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,						75	-----
GALVESTON BAY, TEXAS						2,948	-----
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS						118,502	-----
TOTAL, SHIPPING AREA						12,605	-----
ATCHAFALAYA RIVER, LA.,							
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,						1,501	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,						126	-----
GALVESTON BAY, TEXAS		12,798					-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,						2,000	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,						1,203	-----
TOTAL, SHIPPING AREA		12,798				4,830	-----

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1473, 2871, 2872, 2873, 2879)
OUCHITA AND BLACK RIVERS, ARK. AND LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						1,400	
SABINE-NECHES WATERWAY, TEXAS						5,294	
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS						1,400	
GALVESTON BAY, TEXAS						7,112	
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS						10,800	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						114,025	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						31,715	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						5,000	
ILLINOIS RIVER, ILL.						22,500	
TOTAL, SHIPPING AREA						199,046	
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						200	
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				8,748			
WARRIOR RIVER SYSTEM				1,014			
WOLF RIVER, TENN.				2,754			
TOTAL, SHIPPING AREA				12,516			
CALCASTEU RIVER AND PASS, LA./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.					12,063		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.					4,567		
GULF OF MEXICO						4	
WARRIOR RIVER SYSTEM					18,138	8,398	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						700	
OUCHITA AND BLACK RIVERS, ARK. AND LA.					2,381		
CALCASTEU RIVER AND PASS, LA.				2,859	47,147	991	
SABINE-NECHES WATERWAY, TEXAS					19,467		
GALVESTON BAY, TEXAS		6,683	20,090	1,991	193,590	142,041	
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS					59,006	95,579	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER					32,437	7,137	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES							2,688
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			2,116		75,667	16,646	4,296
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					82,035	1,377	1,473
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					70,620		1,429
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					13,340		3,070
YAZOO RIVER AND MOUTH, MISS.							1,650
ARKANSAS RIVER, ARK.							1,407
WOLF RIVER, TENN.					26,733		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE					8,374		3,110
OHIO RIVER: ENGINEER DISTRICT, MONTICELLO						1,459	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				9,777			
TENNESSEE RIVER, TENN., ALA. AND KY.					3,300		
KANAWHA RIVER, W.VA.				8,498		3,160	
MISSOURI RIVER					7,086		
ILLINOIS RIVER, ILL.							4,540
LAKE MICHIGAN							1,518
PORT OF CHICAGO, ILL.					116,073	14,698	
TOTAL, SHIPPING AREA		6,683	22,206	23,125	793,224	292,190	25,381
SABINE-NECHES WATERWAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				7,377			
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						3,130	
ESCAMBIA AND CONECHUM RIVERS, FLA. AND ALA.						74,438	
GULF OF MEXICO						146	
WARRIOR RIVER SYSTEM	505	496				1,349	
ALABAMA-COOSA RIVERS, ALA. AND GA.				1,150			
PEARL RIVER, MISS. AND LA.				2,450		8,100	
CALCASTEU RIVER AND PASS, LA.			1,400	15,835			
SABINE-NECHES WATERWAY, TEXAS	17,655	108,937	11,200	21,622	791	98,085	
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS	3,106					1,407	
GALVESTON BAY, TEXAS	69,256	281,921	2,800	304,292	2,937	151,964	

## Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2816)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2874)
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTII, TEXAS-----	-----	56,625	5,600	13,282	8,284	300,904	-----
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTII, TEXAS, TO THE MEXICAN BORDER-----	18,072	17,450	-----	11,170	-----	-----	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	6,333	1,400	-----	11,368	-----	-----	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	356,642	60,743	5,580	-----	12,523	-----
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	-----	-----	12,885	-----	-----	-----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	6,623	-----	1,423	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	-----	-----	15,737	-----	1,440	-----
ARKANSAS RIVER, ARK.-----	-----	-----	-----	10,965	-----	-----	-----
WOLF RIVER, TENN.-----	-----	5,440	-----	-----	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	24,617	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	13,662	-----	97,238	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	2,870	-----	1,370	-----	-----	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	5,777	-----	-----	-----	-----	1,343	-----
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	4,231	-----	-----	-----
KANAWHA RIVER, W.VA.-----	-----	-----	-----	79,148	-----	-----	-----
ALLEGHENY RIVER, PA.-----	-----	-----	-----	25,133	-----	-----	-----
MISSOURI RIVER-----	-----	-----	-----	1,427	-----	-----	-----
ILLINOIS RIVER, ILL.-----	-----	-----	-----	-----	-----	1,298	-----
PORT OF CHICAGO, ILL.-----	-----	4,141	-----	23,080	-----	-----	-----
TOTAL, SHIPPING AREA-----	120,704	840,545	81,743	608,204	12,012	753,365	-----
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS-----	-----	-----	-----	1,400	-----	-----	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	3,122	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	-----	1,431	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	1,431	-----	1,400	-----	3,122	-----
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----	2,785	5,056	-----	2,851	-----	3,512	1,494
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.-----	-----	-----	-----	-----	-----	3,399	-----
WARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	6,075	2,955	-----
ALABAMA-COOSA RIVERS, ALA. AND GA.-----	-----	-----	-----	5,868	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	-----	60,031	6,628	-----	-----	-----	1,013
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	-----	-----	-----	-----	-----	3,927	-----
ATCHAFALAYA RIVER, LA.-----	-----	5,471	-----	-----	-----	-----	-----
MENTHAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.-----	-----	-----	-----	-----	-----	-----	2,995
CALCASIEU RIVER AND PASS, LA.-----	-----	-----	26,270	12,925	53,150	101,016	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	308,575	7,766	56,417	9,763	257,923	-----
GALVESTON BAY, TEXAS-----	157,209	1,222,665	200,039	751,253	79,875	1,489,383	4,395
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTII, TEXAS-----	5,331	98,105	435,163	45,278	53,922	562,231	-----
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTII, TEXAS, TO THE MEXICAN BORDER-----	44,373	106,101	-----	434,378	23,871	61,749	-----
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	5,617	-----	-----	-----	93,462	-----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	204,172	64,818	62,718	1,400	575,972	3,200
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	2,914	-----	4,281	-----	6,464	24,068
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1,606	4,334	-----	5,454	5,664	3,273	13,756
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	14,689	34,696	5,099	-----	2,808	26,671	13,997
ARKANSAS RIVER, ARK.-----	-----	-----	-----	-----	-----	-----	13,174
WHITE RIVER, ARK.-----	-----	-----	-----	-----	-----	-----	1,403
WOLF RIVER, TENN.-----	-----	-----	-----	2,687	1,441	4,058	2,987
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	1,309	2,856	-----	13,670	5,549	419,033	37,817
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	206,375	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	43,862	2,437	274,059	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	16,557	-----	-----	-----	4,038	337,173	15,018
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	1,479	-----	121,195	1,594
KANAWHA RIVER, W.VA.-----	-----	-----	-----	155,975	-----	246,854	-----
MONONGAHELA RIVER, PA. AND W.VA.-----	-----	-----	-----	-----	-----	19,104	-----
ALLEGHENY RIVER, PA.-----	-----	-----	-----	14,038	-----	5,754	13,472
MISSOURI RIVER-----	-----	-----	-----	1,399	4,079	-----	-----
ILLINOIS RIVER, ILL.-----	56,041	4,192	-----	-----	-----	327,715	31,613
MINNESOTA RIVER, MINN.-----	-----	-----	-----	-----	-----	-----	4,507
LAKE MICHIGAN-----	-----	-----	-----	-----	-----	19,575	-----
PORT OF CHICAGO, ILL.-----	4,244	-----	-----	44,319	2,863	106,059	-----
TOTAL, SHIPPING AREA-----	304,144	2,064,785	745,783	1,658,852	257,335	5,278,694	186,503

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS/							
APALACHICOLA, CHATTAMOCHEE AND FLINT RIVERS, GA. AND FLA.						3,391	
ESCAMBIA AND CONECUM RIVERS, FLA. AND ALA.						83,140	
HARRIOR RIVER SYSTEM						2,686	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.						3,380	
ATCHAFALAYA RIVER, LA.		2,715					
SABINE-NECHES WATERWAY, TEXAS	1,434	2,600		1,343	26,555	164,054	
GALVESTON BAY, TEXAS	83,584	173,538	2,109	124,705	9,427	923,466	2,795
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	26,999	11,808			116,374	427,906	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	2,036	13,447			271,576	41,719	5,164
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		120,772		5,255	71,801	212,607	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,566		122,886	
ARKANSAS RIVER, ARK.						54,164	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						600,211	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						30,835	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						6,315	
TENNESSEE RIVER, TENN., ALA. AND KY.						108,364	
KANAWHA RIVER, W.VA.				703		12,364	
ILLINOIS RIVER, ILL.						103,333	
PORT OF CHICAGO, ILL.						1,477	
TOTAL, SHIPPING AREA	114,053	324,880	2,109	133,572	495,733	2,902,298	7,959
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/							
ESCAMBIA AND CONECUM RIVERS, FLA. AND ALA.						24,103	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		7,384					
SABINE-NECHES WATERWAY, TEXAS		16,807		1,425			
GALVESTON BAY, TEXAS	21,825	203,108		120,035		157,736	
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		84,119				112,319	12,182
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	59,846	147,593		11,199		1,824	3,101
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		2,758					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		35,052		1,563		106,173	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						168,798	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						1,444	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,620						
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						255,658	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						92,672	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						4,450	
GREEN AND BARREN RIVERS, KY.						58,166	
ILLINOIS RIVER, ILL.						21,801	
TOTAL, SHIPPING AREA	83,291	496,821		134,222		1,005,144	15,283
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	3,023			4,227			
GULF OF MEXICO						1	
HARRIOR RIVER SYSTEM				3,733	1,057		
ALABAMA-COOSA RIVERS, ALA. AND GA.							1,470
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	3,046	42,735			2,400	7,153	2,831
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						25	
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.							3,867
MENTAUL RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							2,883
CALCASIEU RIVER AND PASS, LA.				1,425			
SABINE-NECHES WATERWAY, TEXAS		2,751					
GALVESTON BAY, TEXAS	62,340	33,289		13,849		10,623	32,609
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	6,236						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		16,132			191	4,252	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		217,352		7,995		55,467	13,550
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		1,400		14,493		16,003	22,616
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						14,000	52,310
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		2,908		8,181			192,676
YAZOO RIVER AND MOUTH, MISS.							4,785
ARKANSAS RIVER, ARK.							59,564

**CALENDAR YEAR 1987**

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
WHITE RIVER, ARK.							2,766
WOLF RIVER, TENN.				8,331			2,833
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE					1,744	1,957	61,339
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						2,800	1,416
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		7,341		5,689			14,771
TENNESSEE RIVER, TENN., ALA. AND KY.	62,493					16,723	22,536
CUMBERLAND RIVER, TENN. AND KY.						6,082	
KANAWHA RIVER, W.VA.					1,200	1,130	
ALLEGHENY RIVER, PA.							5,006
MISSOURI RIVER							57,997
ILLINOIS RIVER, ILL.						24,907	316,301
BLACK RIVER, MIS.							1,500
MINNESOTA RIVER, MINN.							62,954
PORT OF CHICAGO, ILL.		2,822		11,687		1,579	613
TOTAL, SHIPPING AREA	137,138	326,730		79,600	6,592	162,702	959,393
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				7,754	8,558	6,836	3,296
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.					32,294	4,000	28,868
ESCAMBIA AND CONECUM RIVERS, FLA. AND ALA.						2,313	
GULF OF MEXICO						2,570	
WARRIOR RIVER SYSTEM				9,362	292,830		2,893
ALABAMA-COOSA RIVERS, ALA. AND GA.				7,140			
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.		6,324	118,145		46,216	23,553	30,928
PEARL RIVER, MISS. AND LA.				992		13,383	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						9,643	3,092
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.							4,441
ATCHAFALAYA RIVER, LA.	8,678					3,367	13,000
OUCHITA AND BLACK RIVERS, ARK. AND LA.						94,138	2,178
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							21,522
CALCASIEU RIVER AND PASS, LA.			18,221	9,710	39,894	8,706	
SABINE-NECHES WATERWAY, TEXAS		11,567	63,199	9,795	9,352	53,169	
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS						1,400	
GALVESTON BAY, TEXAS		521,215	7,310	223,142	133,902	520,671	218,044
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS		471,835	4,199	10,785	7,451	465,374	131,779
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		1,487				393	64,818
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		7,608	11,491	6,246	37,516	10,913	2,849
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	8,458	275,243	238,432	102,393	180,972	2,204,121	62,395
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				51,700	1,400	198,379	322,294
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,400	2,135	19,501	124,001	69,272	248,220
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			33,329	43,679	107,172	103,907	927,438
YAZOO RIVER AND MOUTH, MISS.				1,379			34,028
BIG SUNFLOWER RIVER, MISS.							1,557
ARKANSAS RIVER, ARK.				2,794	188,732	4,656	428,828
WHITE RIVER, ARK.							21,137
WOLF RIVER, TENN.				11,370	42,781	3,711	38,563
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			1,150	188,055	193,655	462,021	875,103
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						550,198	23,030
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	6,789	1,528		76,194	65,752	576,162	95,393
TENNESSEE RIVER, TENN., ALA. AND KY.			8,677		127,415	267,836	70,993
CUMBERLAND RIVER, TENN. AND KY.				4,089		29,552	31,170
GREEN AND BARREN RIVERS, KY.						114,323	
KANAWHA RIVER, W.VA.				89,607	1,446	48,204	
MONONGAMELA RIVER, PA. AND W.VA.					25,764	10,000	
ALLEGHENY RIVER, PA.				54,381			64,084
MISSOURI RIVER				13,966	7,716		256,458
ILLINOIS RIVER, ILL.				30,412		384,272	589,503
BLACK RIVER, MIS.					25,100		
ST. CROIX RIVER, MIS. AND MINN.							33,702
MINNESOTA RIVER, MINN.							109,496
LAKE MICHIGAN							55,917
PORT OF CHICAGO, ILL.	1,354			54,098	340,023	128,811	35,728
TOTAL, SHIPPING AREA	25,279	1,298,203	506,284	1,028,544	2,134,080	6,287,894	4,867,572
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./							
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							3,203
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS						1,196	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES						552	



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CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						31,902	11,253
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						4,625	28,986
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						9,983	13,234
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							61,401
YAZOO RIVER AND MOUTH, MISS.							3,119
ARKANSAS RIVER, ARK.						9,993	42,411
WHITE RIVER, ARK.							1,306
WOLF RIVER, TENN.							1,600
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						13,173	108,493
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON							1,388
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH							23,483
TENNESSEE RIVER, TENN., ALA. AND KY.							27,954
CUMBERLAND RIVER, TENN. AND KY.							2,897
MONONGAHELA RIVER, PA. AND W.VA.						14,990	
ALLEGHENY RIVER, PA.						1,450	
MISSOURI RIVER							36,386
ILLINOIS RIVER, ILL.						19,200	7,426
MINNESOTA RIVER, MINN.							6,211
TOTAL, SHIPPING AREA						107,064	380,751
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/							
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							2,876
LAKE MAUREPAS, LA.							1,604
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.							1,476
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							3,197
GALVESTON BAY, TEXAS	2,971						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			1,502				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,426	19,828					9,303
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					2,895		27,409
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							18,083
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							69,194
YAZOO RIVER AND MOUTH, MISS.							1,499
ARKANSAS RIVER, ARK.	1,400						3,017
WHITE RIVER, ARK.							1,406
WOLF RIVER, TENN.							1,518
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE							116,125
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	2,873						9,099
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	19,419						10,538
TENNESSEE RIVER, TENN., ALA. AND KY.			18,200			2,486	24,161
CUMBERLAND RIVER, TENN. AND KY.			5,998				15,745
BIG SANDY RIVER, KY. AND W.VA.	3,967						
MISSOURI RIVER						694	5,019
ILLINOIS RIVER, ILL.							69,419
LAKE MICHIGAN							3,027
PORT OF CHICAGO, ILL.			1,313				
TOTAL, SHIPPING AREA		35,076	46,841			6,075	393,715
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.							1,507
HARRIS RIVER SYSTEM				1,303			4,508
GALVESTON BAY, TEXAS	33,672	5,804		23,894		16,152	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS						1,681	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				7,978			10,313
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	69,713	44,498		21,014		26,809	21,005
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				3,614		3,200	30,149
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	48,363					1,643	32,683
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				33,557		41,700	261,895
YAZOO RIVER AND MOUTH, MISS.				1,238			10,529
ARKANSAS RIVER, ARK.							7,306
WOLF RIVER, TENN.							1,510
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				43,714		23,194	122,259</

## Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
ALLEGHENY RIVER, PA.							4,529
MISSOURI RIVER						2,361	
ILLINOIS RIVER, ILL.				1,730		27,500	54,075
BLACK RIVER, WIS.							3,570
MINNESOTA RIVER, MINN.							2,950
PORT OF CHICAGO, ILL.				48,629		5,227	
TOTAL, SHIPPING AREA		155,161	50,298	190,547		164,679	661,066
YAZOO RIVER AND MOUTH, MISS./ APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							24,936
GALVESTON BAY, TEXAS				710			2,850
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS							31,951
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER							40,704
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.							50,794
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							73,501
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							1,553
YAZOO RIVER AND MOUTH, MISS.							4,404
ARKANSAS RIVER, ARK.							5,201
WOLF RIVER, TENN.							6,635
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE							37,314
ILLINOIS RIVER, ILL.							15,905
TOTAL, SHIPPING AREA				710			295,728
ARKANSAS RIVER, ARK./ HARRIOR RIVER SYSTEM						1,390	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.						1,300	
SABINE-NECHES WATERWAY, TEXAS						4,112	
GALVESTON BAY, TEXAS						7,227	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						3,902	149
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						69,053	201,106
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						5,025	17,840
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						5,000	12,607
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							24,154
YAZOO RIVER AND MOUTH, MISS.							1,496
ARKANSAS RIVER, ARK.							16,849
WHITE RIVER, ARK.							7,734
WOLF RIVER, TENN.							4,693
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						72,706	80,825
TENNESSEE RIVER, TENN., ALA. AND KY.							1,581
KANAWHA RIVER, W.VA.						5,000	
MISSOURI RIVER							15,829
ILLINOIS RIVER, ILL.						49,335	99,498
LAKE MICHIGAN							53,447
TOTAL, SHIPPING AREA						224,050	537,086
WOLF RIVER, TENN./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						5,877	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						1,652	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							4,258
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							2,971
WOLF RIVER, TENN.				1,400			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE							1,659
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	4,149						
MISSOURI RIVER							1,388
ILLINOIS RIVER, ILL.							1,667
TOTAL, SHIPPING AREA	4,149			1,400		5,529	11,043
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE/ HARRIOR RIVER SYSTEM							1,495
GALVESTON BAY, TEXAS		17,828		2,667		8,341	1,506
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER						12,739	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		4,805				6,795	2,933
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						41,865	6,304
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							3,073

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1967

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		3,050					1,491
YAZOO RIVER AND MOUTH, MISS-----							3,088
ARKANSAS RIVER, ARK-----							1,522
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	3,087				1,400	1,046,000	55,421
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	16,751						
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						6,787	26,028
CUMBERLAND RIVER, TENN. AND KY-----							1,617
BIG SANDY RIVER, KY. AND W.VA-----		2,932					
ILLINOIS RIVER, ILL-----							5,120
PORT OF CHICAGO, ILL-----						6,804	
TOTAL, SHIPPING AREA-----	19,838	28,615		2,667	1,400	1,129,331	109,478
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ CALCASIEU RIVER AND PASS, LA-----	8,400						
SABINE-NECHES WATERWAY, TEXAS-----						5,810	
GALVESTON BAY, TEXAS-----						58,845	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----						12,518	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA-----	23,063					19,986	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA-----						16,543	
ARKANSAS RIVER, ARK-----							1,525
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	593	593		2,480		5,600	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	19,500					800	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	543	1,428	42,505			9,244	37,943
KANAWHA RIVER, W.VA-----	1,400					22,829	
ALLEGHENY RIVER, PA-----							5,602
ILLINOIS RIVER, ILL-----						2,800	
PORT OF CHICAGO, ILL-----	5,353	1,309				3,694	
TOTAL, SHIPPING AREA-----	58,852	3,330	42,505	2,480		158,469	45,070
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA-----							1,146
SABINE-NECHES WATERWAY, TEXAS-----		1,444					
GALVESTON BAY, TEXAS-----	7,753	23,693				17,335	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	141,833	3,172					
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSE-----		3,065					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA-----	1,732	4,549					16,069
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----					8,400		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						1,400	
ARKANSAS RIVER, ARK-----		20,524					
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----		1,325		1,390	87,588	9,624	1,572
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	1,691					3,252	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	5,819	22,342					
TENNESSEE RIVER, TENN., ALA. AND KY-----	7,213						1,450
KANAWHA RIVER, W.VA-----					22,435		
MONONGAHELA RIVER, PA. AND W.VA-----	35,721				29,562		
BLACK RIVER, MIS-----						2,947	
PORT OF CHICAGO, ILL-----					9,780	2,800	
TOTAL, SHIPPING AREA-----	201,762	80,114		1,390	157,765	37,358	20,237
TENNESSEE RIVER, TENN., ALA. AND KY./ HARRIOR RIVER SYSTEM-----							6,233
CALCASIEU RIVER AND PASS, LA-----					17,868		
GALVESTON BAY, TEXAS-----	6,854				3,259	1,474	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----						5,440	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA-----	10,082						
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA-----	4,386						
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----					2,593		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----					25,447		2,563
ARKANSAS RIVER, ARK-----					6,583	9,800	50,735
MOLP RIVER, TENN-----					24,811	673	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----					24,917	5,582	9,290
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						1,143	
TENNESSEE RIVER, TENN., ALA. AND KY-----		4,945			30,673	976	
MONONGAHELA RIVER, PA. AND W.VA-----					2,481		
MISSOURI RIVER-----					2,703		15,161
ILLINOIS RIVER, ILL-----							1,429
PORT OF CHICAGO, ILL-----					38,070	6,926	
TOTAL, SHIPPING AREA-----	21,322		4,945		179,405	32,014	85,411

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
CUMBERLAND RIVER, TENN. AND KY./							
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF							2,725
PASSES-----			41,238				
TENNESSEE RIVER, TENN., ALA. AND KY.-----						220	
CUMBERLAND RIVER, TENN. AND KY.-----				5,558			
KANAWHA RIVER, W.VA.-----							
TOTAL, SHIPPING AREA-----			41,238	5,558		220	2,725
BIG SANDY RIVER, KY. AND W.VA./							
GALVESTON BAY, TEXAS-----		1,396					
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS							
CHRISTI, TEXAS-----		4,192					
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH							
OF OHIO RIVER-----	5,091	4,097					
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	11,592	15,907					
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	870	2,587				193,205	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	10,593	6,247					
MONONGAMELA RIVER, PA. AND W.VA.-----						1,489	
PORT OF CHICAGO, ILL.-----	801	1,801					
TOTAL, SHIPPING AREA-----	28,947	36,227				194,694	
KANAWHA RIVER, W.VA./							
HARRIOR RIVER SYSTEM-----						20,644	
SABINE-NECHES WATERWAY, TEXAS-----							
GALVESTON BAY, TEXAS-----				8,115			
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS				5,878		39,167	
CHRISTI, TEXAS-----							
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT						2,998	
INCLUDING NEW ORLEANS, LA.-----							
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH						12,085	
OF OHIO RIVER-----							
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----				3,728		2,116	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						6,957	
KANAWHA RIVER, W.VA.-----						2,373	
ILLINOIS RIVER, ILL.-----						48,794	
PORT OF CHICAGO, ILL.-----				2,542		1,872	
TOTAL, SHIPPING AREA-----				20,263		176,539	
MONONGAMELA RIVER, PA. AND W.VA./							
GALVESTON BAY, TEXAS-----	12,388						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							
INCLUDING NEW ORLEANS, LA.-----	1,400						13,116
WOLF RIVER, TENN.-----	5,334						
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	4,181	1,400					
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	95,281	2,758					
CUMBERLAND RIVER, TENN. AND KY.-----							2,809
TOTAL, SHIPPING AREA-----	118,584	4,158					15,925
ALLEGHENY RIVER, PA./							
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							
INCLUDING NEW ORLEANS, LA.-----							4,541
MISSOURI RIVER/							
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH							4,958
OF OHIO RIVER-----							
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER-----							33,280
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----							19,651
BIG SANDY RIVER, KY. AND W.VA.-----							28,762
MISSOURI RIVER-----							80,027
ILLINOIS RIVER, ILL.-----							5,633
BLACK RIVER, WIS.-----							3,003
LAKE MICHIGAN-----							2,977
PORT OF CHICAGO, ILL.-----							9,097
TOTAL, SHIPPING AREA-----							187,388
ILLINOIS RIVER, ILL./							
GALVESTON BAY, TEXAS-----	5,393			38,215	5,374	2,410	2,669
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS							
CHRISTI, TEXAS-----						4,729	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							
INCLUDING NEW ORLEANS, LA.-----	1,467			34,948			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT							
INCLUDING BATON ROUGE, LA.-----				2,969			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH							
OF OHIO RIVER-----				1,615			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER-----						5,000	1,504
ARKANSAS RIVER, ARK.-----				1,348			
WOLF RIVER, TENN.-----				28,254			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----				99,653			4,705
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----				16,448			
TENNESSEE RIVER, TENN., ALA. AND KY.-----				33,780			
CUMBERLAND RIVER, TENN. AND KY.-----				23,871			
KANAWHA RIVER, W.VA.-----							21,775

## DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED  
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
ALLEGHENY RIVER, PA.				11,943			3,056
MISSOURI RIVER				1,368			
ILLINOIS RIVER, ILL.				523		2,500	37,882
LAKE MICHIGAN							5,055
PORT OF CHICAGO, ILL.		1,400		160,018		746	9,274
TOTAL, SHIPPING AREA	6,560	1,400		454,953	5,374	15,385	85,920
BLACK RIVER, WIS./							
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER					1,439		2,431
TENNESSEE RIVER, TENN., ALA. AND KY.							
TOTAL, SHIPPING AREA					1,439		2,431
MINNESOTA RIVER, MINN./							
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER							1,503
LAKE MICHIGAN/							
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES,							1,400
LA.							2,800
GALVESTON BAY, TEXAS							
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							13,825
INCLUDING NEW ORLEANS, LA.							
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH							
OF OHIO RIVER	1,400						
TENNESSEE RIVER, TENN., ALA. AND KY.							1,400
CUMBERLAND RIVER, TENN. AND KY.							2,800
MONONGAMELA RIVER, PA. AND W.VA.	3,200						2,791
PORT OF CHICAGO, ILL.							
TOTAL, SHIPPING AREA	4,600						25,016
PORT OF CHICAGO, ILL./							
SABINE-NECHES WATERWAY, TEXAS	3,553	1,403		2,800			
GALVESTON BAY, TEXAS	28,126	7,476		4,956	6,459		
GULF INTRACASTAL WATERWAY' GALVESTON TO CORPUS							
CHRISTI, TEXAS	15,586						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							
INCLUDING NEW ORLEANS, LA.	15,812	22,056		1,356		1,499	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT							
INCLUDING BATON ROUGE, LA.				2,779			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH							
OF OHIO RIVER	3,050						
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER		7,575		2,998			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				1,347		1,707	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						1,836	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	20,769	5,612					
KANAWHA RIVER, W.VA.						5,284	
MONONGAMELA RIVER, PA. AND W.VA.	20,538						
MISSOURI RIVER						6,037	
ILLINOIS RIVER, ILL.	2,800					29,455	2,541
PORT OF CHICAGO, ILL.	35,000	47,071		35,944		145,672	11,624
TOTAL, SHIPPING AREA	145,234	91,193		52,180	6,459	191,490	14,165
LOS ANGELES AND LONG BEACH HARBORS, CALIF./							
LOS ANGELES AND LONG BEACH HARBORS, CALIF.		9,805		5,972		28	
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/							
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH							21,694
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES,							
OREG.							3,809
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK,							
WASH.							6,058
WILLAMETTE AND YAMHILL RIVERS, OREG.						13,803	
TOTAL, SHIPPING AREA						13,803	31,561
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG./							
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH							2,230
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK,							
WASH.							5,857
SNAKE RIVER, OREG., WASH. AND IDAHO						1,203	2,103
TOTAL, SHIPPING AREA						1,203	10,190
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./							
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH						82	
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES,							
OREG.							5,060
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK,							
WASH.							14,345
SNAKE RIVER, OREG., WASH. AND IDAHO							886
TOTAL, SHIPPING AREA						82	20,291

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2810)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH- COLUMBIA RIVER; ABOVE CELILO FALLS TO KENNEWICK, WASH.						74,825	1,006 13,553
TOTAL, SHIPPING AREA						74,825	14,559
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH-							771
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS					91,546		
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA						43	109

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Section 3  
WATER CARRIAGE TON-MILES

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# WATER CARRIAGE TON-MILES

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TABLE 1--TOTAL COMMERCE\* TON-MILES AND TONS BY TYPE OF TRAFFIC AND AVERAGE HAUL

CALENDAR YEARS 1977-1987

(IN THOUSANDS)

	TOTAL, FOREIGN AND DOMESTIC	FOREIGN			DOMESTIC				
		TOTAL	GREAT LAKES PORTS	COASTAL PORTS	TOTAL	COASTWISE	LAKENISE	INTERNAL	LOCAL
TON-MILES <sup>1</sup>									
1987-----	968,403,732	72,988,231	* 22,003,252	** 50,984,979	895,415,501	586,818,384	50,076,733	257,336,445	1,183,939
1986-----	944,910,475	71,509,435	* 24,235,272	** 47,274,163	873,401,040	580,888,675	43,198,187	248,116,902	1,197,276
1985-----	964,911,185	71,941,211	* 27,171,821	** 44,769,390	892,969,974	610,976,503	48,183,952	232,707,523	1,101,996
1984-----	966,478,243	78,758,224	* 32,249,380	** 46,508,844	887,720,019	593,923,081	49,784,434	242,855,408	1,157,096
1983-----	989,161,626	69,596,038	* 24,309,364	** 45,286,674	919,565,588	649,749,453	43,058,156	225,628,298	1,099,681
1982-----	964,896,925	78,428,221	* 27,165,490	** 51,262,731	886,468,704	632,707,073	35,623,255	217,026,688	1,111,688
1981-----	1,023,636,494	94,223,158	* 35,293,982	** 58,929,156	929,413,356	634,765,277	62,146,380	231,184,111	1,315,588
1980-----	1,016,085,181	94,249,417	* 33,679,592	** 60,569,825	921,835,764	631,149,247	51,747,114	227,342,991	1,596,412
1979-----	931,846,381	103,086,891	* 43,146,432	** 59,940,459	828,759,490	532,290,272	77,956,769	217,090,226	1,410,223
1978-----	928,297,656	101,034,394	* 42,108,783	** 58,925,611	827,263,262	540,373,236	76,284,040	209,266,160	1,339,826
1977-----	692,527,420	93,527,384	* 37,734,279	** 55,793,105	599,000,036	343,536,591	52,416,921	201,784,225	1,262,299
TONS <sup>2</sup>									
1987-----	# 1,962,761	890,979	45,925	845,054	1,071,782	323,518	96,484	569,829	81,951
1986-----	# 1,870,458	537,223	45,829	791,394	1,033,235	308,025	87,353	560,499	77,358
1985-----	# 1,785,033	774,323	51,320	723,003	1,010,710	309,802	91,987	534,658	74,263
1984-----	# 1,832,614	803,338	58,774	744,564	1,029,276	307,652	98,010	542,503	81,111
1983-----	# 1,704,501	751,140	48,411	702,729	953,361	309,637	93,447	487,132	73,145
1982-----	# 1,773,929	819,731	50,395	769,336	954,198	311,058	72,085	495,453	75,602
1981-----	# 1,938,428	587,102	63,210	823,892	1,051,326	721,990	115,418	520,668	93,250
1980-----	# 1,995,300	921,404	60,592	860,812	1,073,696	329,609	115,124	534,979	94,194
1979-----	# 2,069,757	993,445	73,760	919,685	1,076,312	304,666	143,554	534,969	93,114
1978-----	# 2,018,079	946,057	70,600	875,457	1,072,022	305,343	142,663	534,509	89,507
1977-----	# 1,904,569	935,257	69,164	866,093	969,312	248,083	109,080	528,705	83,444
AVERAGE HAUL <sup>3</sup> (MILES PER TON)									
1987-----	493.3	81.9	479.1	50.3	835.4	1,813.9	519.0	451.6	14.8
1986-----	505.2	85.4	528.8	59.7	845.3	1,885.9	494.5	442.7	15.5
1985-----	540.5	92.9	529.5	51.9	883.5	1,972.2	523.8	435.2	14.8
1984-----	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	448.0	14.3
1983-----	580.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0
1982-----	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7
1981-----	528.1	106.2	558.4	71.5	884.0	1,971.4	539.5	444.0	14.1
1980-----	509.2	102.3	555.8	70.4	858.4	1,914.8	535.4	405.0	16.9
1979-----	450.2	103.8	485.0	65.2	770.0	1,747.1	543.1	405.8	15.1
1978-----	459.9	106.8	596.4	67.3	771.6	1,769.7	534.7	391.5	14.9
1977-----	363.6	100.0	545.6	64.4	618.0	1,588.8	480.5	381.7	15.1

\* BASED ON DISTANCES TRANSPORTED ON GREAT LAKES AND ST. LAWRENCE RIVER TO INTERNATIONAL BOUNDARY AT ST. REGIS, QUEBEC, CANADA.

\*\* BASED ON DISTANCES TRANSPORTED ON UNITED STATES WATERWAYS FROM ENTRANCE CHANNELS TO PORTS AND WATERWAYS.

<sup>3</sup> EXCLUDES INTRATERRITORY TRAFFIC FOR WHICH TON-MILES WERE NOT COMPILED; 1987, 4,698 THOUSAND TONS; 1986, 3,959 THOUSAND TONS; 1985, 3,401 THOUSAND TONS; 1984, 3,406 THOUSAND TONS; 1983, 3,160 THOUSAND TONS; 1982, 2,811 THOUSAND TONS; 1981, 3,130 THOUSAND TONS; 1980, 3,588 THOUSAND TONS; 1979, 4,001 THOUSAND TONS; 1978, 3,271 THOUSAND TONS.

TABLE 2--DOMESTIC TON-MILES TYPE OF TRAFFIC BY SERVICE

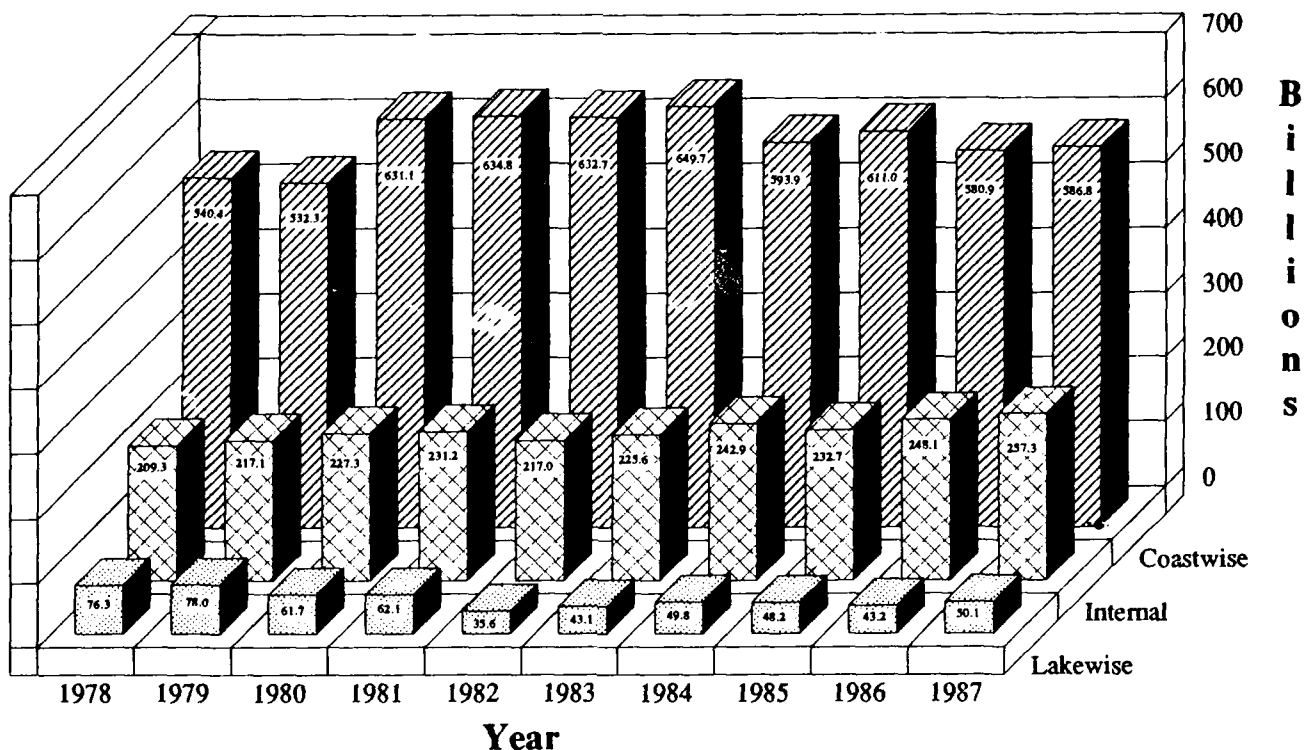
CALENDAR YEAR 1987

(IN THOUSANDS)

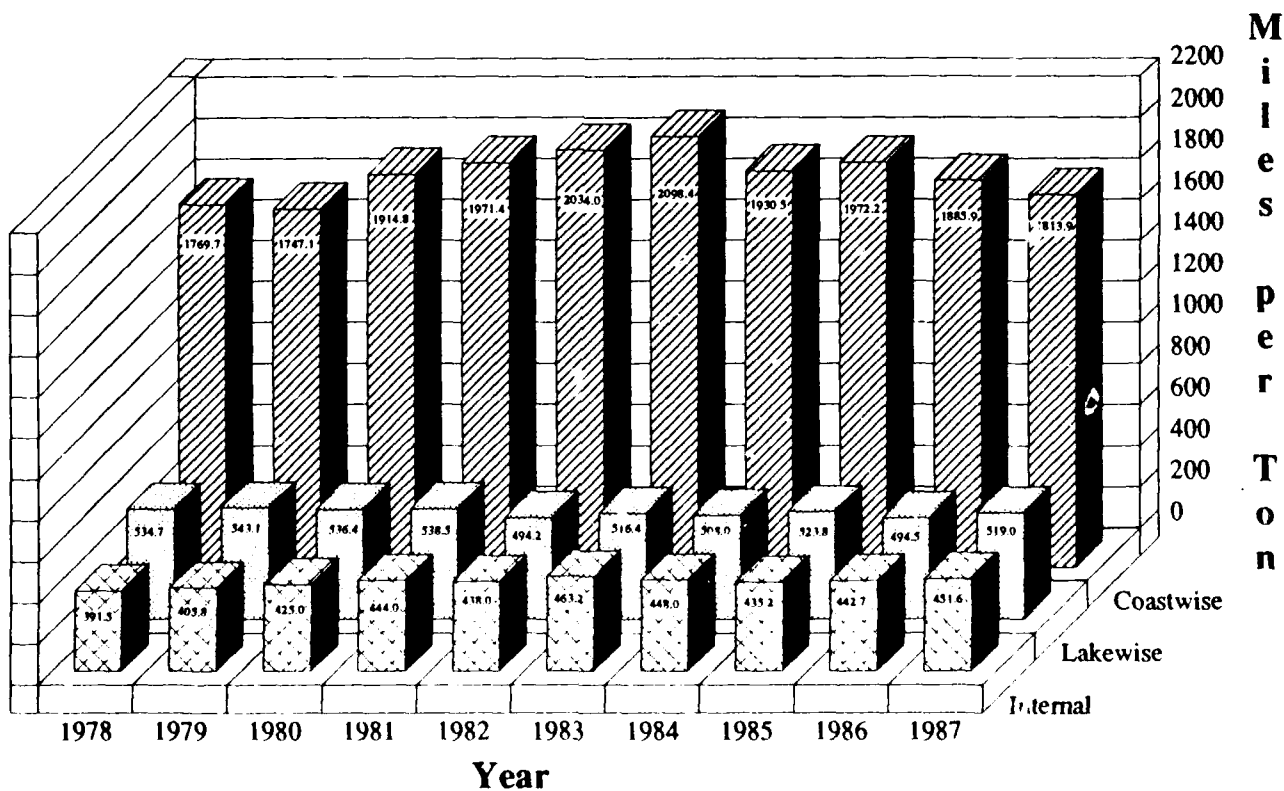
TYPE OF TRAFFIC	TOTAL			REGULATED			EXEMPT, FOR HIRE			PRIVATE		
	TON-MILES	PERCENT OF		TON-MILES	PERCENT OF		TON-MILES	PERCENT OF		TON-MILES	PERCENT OF	
		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC
COASTWISE-----	586,818,384	65.6	100.0	8,632,853	29.6	1.5	379,545,441	59.8	64.7	198,640,090	65.9	33.8
LAKENISE-----	50,076,733	5.6	100.0	17,462	0.1	0.0	38,785,951	6.1	77.5	11,273,320	4.9	22.5
INTERNAL-----	257,336,445	28.7	100.0	20,417,965	70.2	7.9	215,942,670	34.0	83.9	20,975,610	9.1	6.2
LOCAL-----	1,183,939	0.1	100.0	13,953	0.1	1.2	910,096	0.1	76.9	259,890	0.1	21.9
TOTAL DOMESTIC=	895,415,501	100.0	100.0	29,082,233	100.0	3.2	635,184,158	100.0	70.9	231,149,110	100.0	25.9



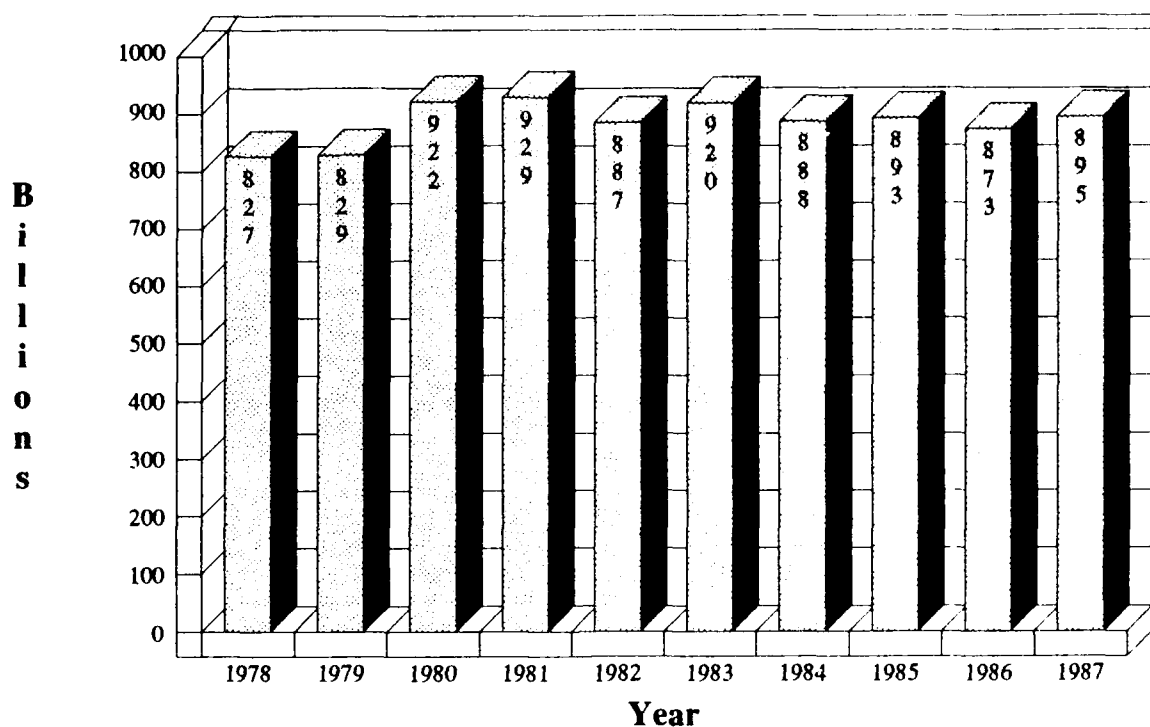
# Ton-Miles Domestic Commerce 1978 - 1987



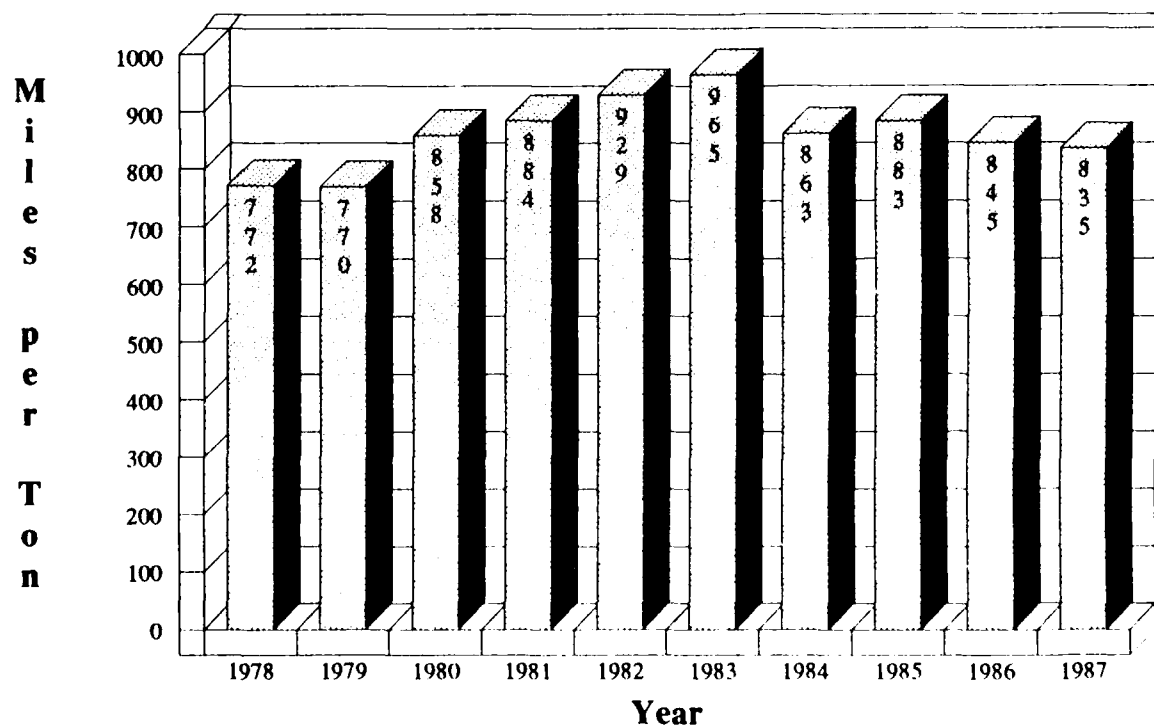
# Average Haul Domestic Commerce 1978 - 1987



## Total Ton-Miles Domestic Commerce 1978 - 1987



## Total Average Haul Domestic Commerce 1978 - 1987



# WATER CARRIAGE TON-MILES

CHART 2 - DOMESTIC TON-MILES BY TYPE OF SERVICE, 1987  
895.4 BILLION TON-MILES

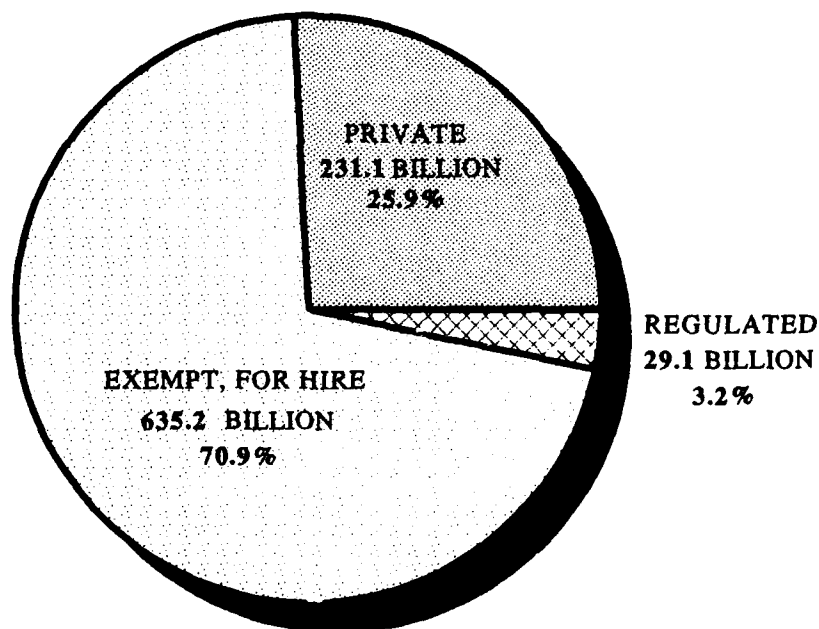


CHART 3 - DOMESTIC TON-MILES BY TYPE OF SERVICE  
BY TYPE OF TRAFFIC, 1987

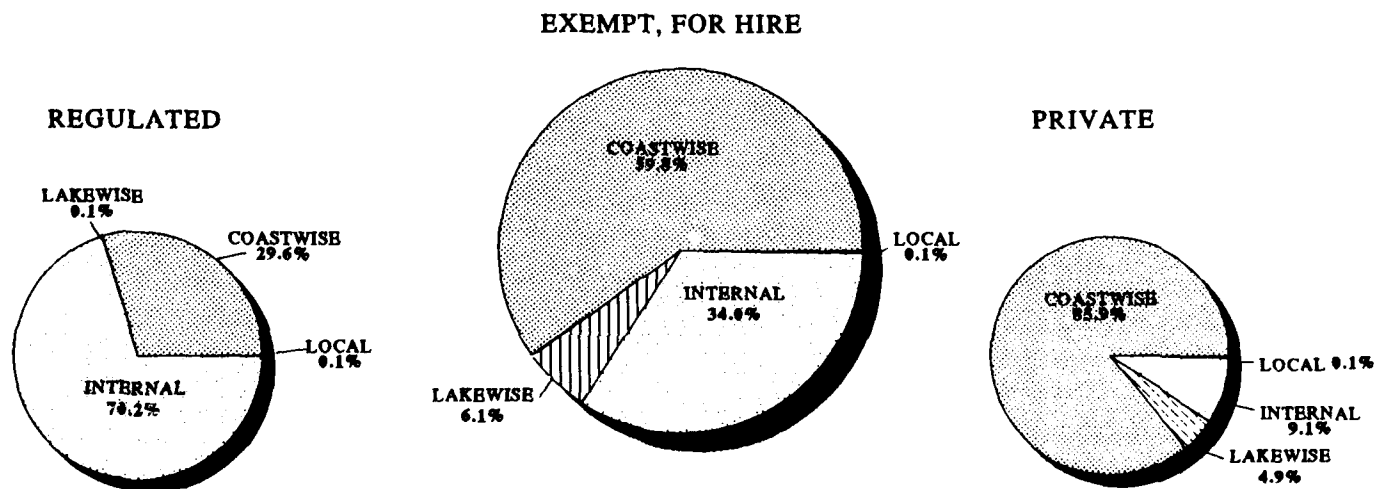


TABLE 3--DOMESTIC TRAFFIC TONS AND TON-MILES OF PRINCIPAL COMMODITY GROUPS BY TYPE OF TRAFFIC AND SERVICE CALENDAR YEAR 1987  
(IN THOUSANDS)

TYPE OF TRAFFIC AND COMMODITY GROUP	TOTAL			REGULATED			EXEMPT, FOR HIRE			PRIVATE		
	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)
<b>COASTWISE, TOTAL</b>	586,816,384	323,518	1,813.9	6,632,853	6,688	993.7	379,585,441	210,229	1,805.4	198,640,090	104,602	1,899.0
PETROLEUM AND PRODUCTS	269,301,061	269,206	1,962.4	917,599	2,196	417.9	334,803,189	189,046	1,980.8	192,540,273	97,963	1,965.4
COAL AND COKE	6,015,768	11,231	535.7	282,106	356	820.7	5,559,852	10,558	526.6	163,810	316	517.6
IRON ORE AND IRON AND STEEL	351,738	272	1,293.5	181,442	105	1,749.4	208,759	127	1,683.5	40	38.5	38.5
SAND, GRAVEL, AND STONE	172,264	2,404	71.7	24,667	18	1,393.2	143,269	2,260	63.4	4,328	126	34.4
GRAINS	706,120	473	1,491.4	135,343	117	1,157.0	570,777	356	1,601.1	-----	-----	-----
LOGS AND LUMBER	2,110,245	1,638	1,288.0	778,027	661	1,171.0	1,336,167	977	1,357.7	51	1	100.8
CHEMICALS AND RELATED PRODUCTS	22,477,084	16,441	1,367.1	1,030,018	786	1,310.7	17,084,632	12,926	1,318.6	4,402,034	2,720	1,613.2
SHELLS	1,517	1	1,619.0	1,517	1	1,619.0	-----	-----	-----	-----	-----	-----
ALL OTHERS	26,682,587	21,853	1,221.0	5,315,734	4,448	1,195.0	19,838,796	13,978	1,419.3	1,528,057	3,427	405.9
<b>LAKELINE, TOTAL</b>	50,076,733	96,484	519.0	17,962	376	46.2	38,785,951	76,297	508.4	11,273,320	19,809	569.1
PETROLEUM AND PRODUCTS	548,356	2,153	254.7	63	3	28.3	367,991	1,610	228.5	180,297	540	334.0
COAL AND COKE	9,933,005	18,050	522.6	4	-----	61.5	9,187,811	17,299	531.1	245,190	751	326.4
IRON ORE AND IRON AND STEEL	30,784,481	48,266	637.8	1,329	61	21.7	21,923,808	34,966	627.0	8,859,346	13,239	669.2
SAND, GRAVEL, AND STONE	6,928,232	21,807	317.7	320	6	49.8	5,725,109	18,674	306.6	1,202,603	3,127	384.2
GRAINS	577,313	599	980.1	-----	-----	-----	446,768	458	975.0	130,595	131	997.9
LOGS AND LUMBER	1,253	23	55.6	1,207	20	60.9	16.9	16.9	16.9	-----	-----	-----
CHEMICALS AND RELATED PRODUCTS	46,926	194	231.4	1,296	21	60.9	20,839	133	154.6	24,789	38	668.0
SHELLS	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ALL OTHERS	1,757,165	5,402	325.3	13,236	266	48.7	1,113,379	3,152	353.2	630,550	1,984	317.8
<b>INTERNAL, TOTAL</b>	257,336,405	549,839	651.6	20,417,945	23,684	862.1	215,942,670	445,148	485.1	20,975,810	100,980	207.7
PETROLEUM AND PRODUCTS	76,086,688	162,112	212.4	3,727,711	3,576	632.7	65,663,519	111,697	247.6	6,934,360	30,732	225.5
COAL AND COKE	71,771,294	10,247	482.8	5,927,423	5,827	1,017.2	5,705,233	5,565	422.7	180,357	937	188.5
IRON ORE AND IRON AND STEEL	19,676,996	59,592	1,082.2	4,993,539	4,233	1,170.7	4,307,173	22,647	188.5	16,524	449	41.3
SAND, GRAVEL, AND STONE	8,523,070	44,996	1,085.3	1,823,627	2,411	548.8	4,307,173	22,647	188.5	2,892,670	34,334	84.3
GRAINS	47,169,970	44,996	1,085.3	492,962	725	680.1	44,963,899	42,237	1,065.0	1,693,104	2,036	831.5
LOGS AND LUMBER	1,596,690	18,257	87.6	81,840	247	331.6	1,125,080	13,592	84.0	392,770	4,588	85.6
CHEMICALS AND RELATED PRODUCTS	31,155,294	48,162	646.6	2,886,070	2,870	998.0	22,827,578	31,256	720.7	5,769,651	14,054	410.5
SHELLS	519,945	3,877	134.1	-----	-----	-----	89,243	443	201.3	430,702	3,434	125.4
ALL OTHERS	49,049,528	76,517	651.0	2,500,493	3,776	662.2	43,885,388	62,365	703.7	2,663,647	10,377	256.7
<b>LOCAL, TOTAL</b>	1,183,939	81,951	14.4	13,953	852	16.4	910,096	61,641	14.8	259,890	19,456	13.4
PETROLEUM AND PRODUCTS	710,159	53,340	13.3	4,927	465	9.5	616,503	45,466	13.6	86,229	7,409	12.0
COAL AND COKE	77,415	4,197	18.4	18	3	7.0	70,398	2,665	26.4	6,999	1,530	4.6
IRON ORE AND IRON AND STEEL	7,533	771	9.8	940	54	17.5	4,955	390	12.7	1,638	327	5.0
SAND, GRAVEL, AND STONE	132,596	8,099	16.4	-----	-----	-----	82,942	3,500	23.7	40,654	4,598	10.6
GRAINS	2,778	17	166.7	5	3	2.0	2,769	14	196.5	-----	-----	-----
LOGS AND LUMBER	37,911	2,959	12.8	2	2	1.3	36,308	2,904	12.5	1,601	54	29.6
CHEMICALS AND RELATED PRODUCTS	76,144	5,356	13.8	6,416	310	27.1	49,739	3,829	13.0	15,987	1,219	13.1
SHELLS	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ALL OTHERS	141,407	7,209	19.4	143	16	8.7	46,482	2,871	16.2	94,782	4,321	21.9
<b>DOMESTIC, TOTAL</b>	895,415,501	1,071,782	835.4	29,082,233	33,602	865.5	635,184,158	793,330	800.7	231,149,110	244,850	994.0
PETROLEUM AND PRODUCTS	566,428,226	970,793	1,203.3	3,200,805	6,259	511.4	363,483,242	327,619	1,108.8	199,744,179	136,664	1,461.6
COAL AND COKE	87,297,487	105,622	486.3	6,219,551	6,186	1,005.5	80,481,580	185,682	433.0	596,356	3,554	167.8
IRON ORE AND IRON AND STEEL	41,822,748	59,556	702.2	5,098,950	4,452	1,145.2	27,842,753	41,048	678.3	8,681,045	14,055	631.9
SAND, GRAVEL, AND STONE	15,756,162	91,902	171.4	1,348,214	2,435	553.6	10,258,693	47,281	217.0	4,149,255	42,165	98.4
GRAINS	48,456,177	46,077	1,051.4	628,310	844	744.1	46,004,213	43,066	1,068.2	1,623,654	2,167	841.5
LOGS AND LUMBER	3,749,099	22,867	164.1	857,076	929	922.5	2,497,601	17,275	144.2	394,422	4,643	85.0
CHEMICALS AND RELATED PRODUCTS	53,753,453	70,176	766.0	3,898,204	3,967	977.6	39,462,788	46,149	623.1	10,212,441	18,040	568.1
SHELLS	521,462	3,474	134.4	1,517	1	1,619.0	89,243	443	201.3	430,702	3,434	125.4
ALL OTHERS	77,630,687	110,981	699.5	7,829,606	8,507	920.4	64,884,045	82,365	787.8	4,917,036	20,108	244.5

\*\* LESS THAN 500 TON-MILES.

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1987  
(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
TOTAL-----	895,415,801	29,082,233	635,184,158	231,149,110
FARM PRODUCTS				
0101 COTTON, RAW-----	4,286	1,236	3,050	-----
0102 BARLEY AND RYE-----	302,705	15,565	274,832	12,308
0103 CORN-----	38,391,860	317,187	36,875,650	1,199,023
0104 OATS-----	169,029	9,946	158,120	963
0105 RICE-----	693,864	49,447	635,659	8,558
0106 SORGHUM GRAINS-----	1,509,134	46,032	1,305,554	151,548
0107 WHEAT-----	7,389,585	190,133	6,754,198	445,254
0111 SOYBEANS-----	19,696,434	208,030	18,670,212	816,192
0112 FLAXSEED-----	162	162	-----	-----
0119 OILSEEDS, NEC-----	45,471	20,920	24,551	-----
0121 TOBACCO, LEAF-----	2,945	2,676	269	-----
0122 HAY AND FODDER-----	8,269	1,611	6,658	-----
0129 FIELD CROPS, NEC-----	40,509	17,876	22,633	-----
0131 FRESH FRUITS-----	322,774	31,589	291,185	-----
0132 BANANAS AND PLANTAINS-----	21,918	8,155	13,763	-----
0133 COFFEE-----	63,634	54,453	8,781	-----
0134 COCOA BEANS-----	6,395	6,247	148	-----
0141 FRESH AND FROZEN VEGETABLES-----	589,252	102,398	486,854	-----
0151 LIVE ANIMALS-----	13,908	1,087	12,821	-----
0161 ANIMALS AND PRODUCTS, NEC-----	30,803	4,862	25,941	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	37,336	6,088	31,248	-----
FOREST PRODUCTS				
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,952	-----	1,952	-----
0861 FOREST PRODUCTS, NEC-----	22,366	3,140	19,226	-----
FRESH FISH & OTHER MARINE PRODUCTS				
0911 FRESH FISH, EXCEPT SHELLFISH-----	129,321	62,176	45,188	21,957
0912 SHELLFISH, EXCEPT PREPARED-----	29,674	5,736	14,933	9,005
0913 MENHADEN-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	521,462	1,517	60,243	430,702
METALLIC ORES				
1011 IRON ORE AND CONCENTRATES-----	33,403,262	1,971,486	22,571,473	8,859,803
1021 COPPER ORE AND CONCENTRATES-----	62,906	-----	62,906	-----
1051 ALUMINUM ORES, CONCENTRATES-----	327,971	22,568	295,244	10,159
1061 MANGANESE ORES, CONCENTRATES-----	437,184	239,874	197,310	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	442,074	26,543	415,531	-----
COAL				
1121 COAL AND LIGNITE-----	82,975,424	5,504,120	76,905,964	565,340
CRUDE PETROLEUM				
1311 CRUDE PETROLEUM-----	423,278,502	310,120	273,923,257	149,045,125
NONMETALLIC MINERALS, EXCEPT FUELS				
1411 LIMESTONE-----	8,593,171	219,406	6,448,821	1,924,944
1412 BUILDING STONE, UNWORKED-----	1,493	1,401	92	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	7,134,945	1,110,731	3,799,903	2,224,311
1451 CLAY-----	173,146	28,373	130,876	13,897
1471 PHOSPHATE ROCK-----	4,378,310	-----	4,330,309	48,001
1479 NATURAL FERTILIZER MATS, NEC-----	4,119	-----	4,119	-----
1491 SALT-----	4,744,551	37,676	4,467,955	238,920
1492 SULPHUR, DRY-----	33,534	13,310	20,224	-----
1493 SULPHUR, LIQUID-----	2,936,527	-----	2,028,655	907,872
1494 GYPSUM, CRUDE AND PLASTERS-----	680,690	85,593	496,025	99,072
1499 NONMETALLIC MINERALS, NEC-----	567,821	94,019	269,013	4,789
ORDNANCE & ACCESSORIES				
1911 ORDNANCE AND ACCESSORIES-----	1,411	234	1,177	-----
FOOD & KINDRED PRODUCTS				
2011 MEAT, FRESH, CHILLED, FROZEN-----	675,672	161,176	514,454	42
2012 MEAT AND PRODUCTS, NEC-----	111,662	51,813	59,849	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	97,321	956	96,365	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	7,616	3,344	4,272	-----
2021 DAIRY PRODUCTS, NEC-----	111,453	21,340	90,113	-----
2022 DRIED MILK AND CREAM-----	47,499	34,118	13,381	-----
2031 FISH AND SHELLFISH, PREPARED-----	560,372	281,497	234,522	44,353
2034 VEGETABLES AND PREP, NEC-----	423,292	82,224	341,068	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	894,765	62,641	832,058	66
2041 WHEAT FLOUR AND SEMOLINA-----	61,695	24,417	37,278	-----
2042 ANIMAL FEEDS-----	9,565,817	153,933	9,170,511	241,373
2049 GRAIN MILL PRODUCTS, NEC-----	4,758,179	57,008	4,215,641	485,530
2061 SUGAR-----	4,872,974	454,724	4,418,250	-----
2062 MOLASSES-----	852,626	-----	817,824	34,802
2081 ALCOHOLIC BEVERAGES-----	729,308	257,571	471,737	-----
2091 VEGETABLE OILS, MARG, SHORT-----	984,996	12,872	855,514	116,610
2092 ANIMAL OILS AND FATS, NEC-----	19,768	1,009	18,517	242
2094 GROCERIES-----	817,310	1,429	815,818	63
2095 ICE-----	2,089	41	1,976	72
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,957,902	188,032	1,764,361	5,509
TOBACCO PRODUCTS				
2111 TOBACCO MANUFACTURES-----	37,609	8,105	29,504	-----

## WATER CARRIAGE TON-MILES

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TABLE A--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
BASIC TEXTILES				
2211 BASIC TEXTILE PRODUCTS-----	102,144	36,515	65,629	-----
2212 TEXTILE FIBERS, NEC-----	15,754	384	15,370	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT				
2311 APPAREL-----	437,226	326,268	110,958	-----
LUMBER & WOOD PRODS., EXC. FURNITURE				
2411 LOGS-----	155,290	8,422	98,691	48,177
2412 RAFTED LOGS-----	530,984	254	520,362	10,338
2413 FUEL WOOD, CHARCOAL, WASTES-----	49,857	2,172	44,476	3,209
2414 TIMBER, POSTS, POLES, PILING-----	42,883	1,821	40,794	268
2415 PULPHOOD, LOG-----	303,878	173	36,698	267,007
2416 WOOD CHIPS, STAVES, MOLDINGS-----	529,531	31,541	433,136	64,852
2421 LUMBER-----	1,646,491	725,915	920,420	156
2431 VENEER, PLYWOOD, WORKED WOOD-----	267,257	72,796	194,458	3
2491 WOOD MANUFACTURES, NEC-----	200,562	10,812	189,338	412
FURNITURE & FIXTURES				
2511 FURNITURE AND FIXTURES-----	402,928	26,384	376,544	-----
PULP, PAPER & ALLIED PRODUCTS				
2611 PULP-----	127,322	31,662	94,448	1,212
2621 STANDARD NEWSPRINT PAPER-----	80,206	19,354	60,852	-----
2631 PAPER AND PAPERBOARD-----	565,209	351,505	213,704	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	693,839	141,232	544,144	8,463
PRINTED MATTER				
2711 PRINTED MATTER-----	37,782	4,613	33,169	-----
CHEMICALS & ALLIED PRODUCTS				
2810 SODIUM HYDROXIDE-----	4,608,162	246,030	2,766,726	1,595,406
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,090,570	219,496	792,431	78,643
2812 DYES, PIGMENT, TANNING MATS-----	736	610	126	-----
2813 ALCOHOLS-----	4,370,742	703,154	2,933,846	733,742
2816 RADIOACTIVE MATERIALS, WASTES-----	3,366	552	2,041	773
2817 BENZENE AND TOLUENE-----	2,649,523	245,426	1,670,841	733,254
2818 SULPHURIC ACID-----	414,178	122,432	55,128	236,618
2819 BASIC CHEMICALS AND PROD, NEC-----	22,610,417	1,738,472	15,794,208	5,077,737
2821 PLASTIC MATERIALS-----	194,689	80,413	114,165	41
2822 SYNTHETIC RUBBER-----	28,232	20,161	8,071	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,202	246	5,956	-----
2831 DRUGS-----	64,685	8,847	55,838	-----
2841 SOAP-----	259,168	70,450	188,718	-----
2851 PAINTS-----	62,467	7,941	54,526	-----
2861 GUM AND WOOD CHEMICALS-----	401,723	1,980	399,743	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	4,788,877	159,895	4,293,165	335,817
2872 POTASSIC CHEM FERTILIZERS-----	1,218,818	20,578	1,196,312	1,928
2873 PHOSPHATIC CHEM FERTILIZERS-----	666,987	19,412	561,825	84,650
2876 INSECTICIDES, DISINFECTANTS-----	19,512	3,849	15,663	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,031,132	187,383	4,165,129	678,620
2891 MISCELLANEOUS CHEMICAL PROD-----	916,172	61,282	247,909	606,981
PETROLEUM & COAL PRODUCTS				
2911 GASOLINE-----	41,213,970	517,690	28,465,441	12,230,839
2912 JET FUEL-----	7,071,137	106,557	4,947,414	2,017,166
2913 KEROSENE-----	2,223,111	129,331	1,066,765	1,187,015
2914 DISTILLATE FUEL OIL-----	30,116,398	242,663	19,582,607	10,291,728
2915 RESIDUAL FUEL OIL-----	42,865,693	1,120,353	24,120,050	17,625,290
2916 LUBRICATING OILS AND GREASES-----	6,213,794	232,850	3,802,121	4,178,823
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,087,037	47,564	2,159,599	1,879,874
2918 ASPHALT, TAR, AND PITCHES-----	5,348,151	30,694	4,665,617	651,840
2920 COKE, PETROLEUM COKE-----	4,321,973	715,431	3,575,526	31,016
2921 LIQUEFIED GASES-----	666,366	7,124	110,562	550,680
2951 ASPHALT BUILDING MATERIALS-----	45,616	218	45,398	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,342,067	455,859	800,409	85,799
RUBBER & MISC. PLASTIC PRODUCTS				
3011 RUBBER AND MISC PLASTIC PROD-----	266,512	78,706	187,806	-----
LEATHER & LEATHER PRODUCTS				
3111 LEATHER AND LEATHER PRODUCTS-----	41,284	12,287	28,997	-----
STONE, CLAY, GLASS, & CONCRETE PROD.				
3211 GLASS AND GLASS PRODUCTS-----	57,295	25,705	31,590	-----
3241 BUILDING CEMENT-----	4,187,178	193,807	2,605,112	1,388,255
3251 STRUCTURAL CLAY PRODUCTS-----	90,908	52,958	37,946	-----
3271 LIME-----	742,211	24,254	623,882	94,075
3281 CUT STONE AND STONE PRODUCTS-----	26,553	16,676	9,877	-----
3291 MISC NONMETALLIC MINERAL PROD-----	353,183	19,405	315,110	18,668
PRIMARY METAL PRODUCTS				
3311 PIG IRON-----	193,805	85,976	107,919	-----
3312 SLAG-----	767,395	192,489	489,787	85,119
3313 COKE, PET ASPHALTS, SOLVENTS-----	90	-----	90	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,550,687	714,499	835,709	479
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,292,777	614,948	1,677,683	146

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
PRIMARY METAL PRODUCTS (CONTINUED)				
3316 IRON AND STEEL PLATES, SHEETS-----	722,854	529,507	192,547	-----
3317 IRON AND STEEL PIPE AND TUBE-----	603,290	200,219	386,739	16,332
3318 FERROALLOYS-----	1,376,115	762,426	613,689	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	505,383	289,819	215,564	-----
3321 NONFERRIOUS METALS, NEC-----	21,676	11,691	9,985	-----
3322 COPPER ALLOYS, UNWORKED-----	49,618	41,971	7,647	-----
3323 LEAD AND ZINC, UNWORKED-----	107,821	34,754	73,067	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	74,793	45,726	29,067	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.				
3411 FABRICATED METAL PRODUCTS-----	847,888	135,856	703,452	8,580
MACHINERY, EXCEPT ELECTRICAL				
3511 MACHINERY, EXCEPT ELECTRICAL-----	410,705	103,447	297,929	9,329
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES				
3611 ELECTRICAL MACH AND EQUIP-----	194,902	55,429	139,452	21
TRANSPORTATION EQUIPMENT				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	679,364	78,895	600,442	27
3721 AIRCRAFT AND PARTS-----	3,748	1,758	1,990	-----
3731 SHIPS AND BOATS-----	16,195	1,218	14,959	18
3791 MISC TRANSPORTATION EQUIPMENT-----	28,613	1,628	26,942	43
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	50,967	5,522	45,445	-----
MISC. PRODUCTS OF MANUFACTURING				
3911 MISC MANUFACTURED PRODUCTS-----	598,000	59,054	518,716	20,230
WASTE & SCRAP MATERIALS				
4011 IRON AND STEEL SCRAP-----	2,551,400	692,496	1,854,619	4,285
4012 NONFERRIOUS METAL SCRAP-----	25,352	6,376	16,976	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,065	4,288	3,777	-----
4024 PAPER WASTE AND SCRAP-----	1,048	765	283	-----
4029 WASTE AND SCRAP, NEC-----	801,983	13,680	593,456	194,847
SPECIAL ITEMS				
4111 WATER-----	23,007	2,480	5,001	15,526
4112 COMMODITIES, NEC-----	4,419,626	1,960,347	2,439,181	20,098

## WATER CARRIAGE TON-MILES

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TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987  
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL-----	895,415,501	586,818,384	50,076,733	257,336,445	1,183,939
FARM PRODUCTS					
0101 COTTON, RAW-----	4,286	2,030	-----	2,256	-----
0102 BARLEY AND RYE-----	302,705	158	-----	302,547	-----
0103 CORN-----	38,391,860	293,086	-----	38,096,355	2,414
0104 OATS-----	169,029	6,616	-----	162,413	-----
0105 RICE-----	693,864	181,293	-----	512,571	-----
0106 SORGHUM GRAINS-----	1,509,134	6,817	-----	1,502,317	-----
0107 WHEAT-----	7,589,565	218,150	577,313	6,593,767	355
0111 SOYBEANS-----	19,696,434	6,260	-----	19,687,729	2,445
0112 FLAXSEED-----	162	162	-----	-----	-----
0119 OILSEEDS, NEC-----	45,471	1,416	-----	44,055	-----
0121 TOBACCO, LEAF-----	2,945	2,945	-----	-----	-----
0122 HAY AND FODDER-----	8,269	2,556	-----	5,711	-----
0129 FIELD CROPS, NEC-----	40,509	21,701	-----	18,806	2
0131 FRESH FRUITS-----	322,774	322,765	9	-----	-----
0132 BANANAS AND PLANTAINS-----	21,910	21,918	-----	-----	-----
0133 COFFEE-----	63,634	63,634	-----	-----	-----
0134 COCOA BEANS-----	6,395	6,395	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	589,252	581,626	56	7,570	-----
0151 LIVE ANIMALS-----	13,908	13,908	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	30,803	30,265	-----	516	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	37,336	34,375	-----	2,961	-----
FOREST PRODUCTS					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,952	1,952	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	22,366	22,366	-----	-----	-----
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH-----	129,321	106,088	3	23,216	14
0912 SHELLFISH, EXCEPT PREPARED-----	29,674	19,425	-----	10,201	48
0931 MARINE SHELLS, UNMANUFACTURED-----	521,462	1,517	-----	519,945	-----
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES-----	33,403,262	568	30,783,151	2,618,469	1,074
1021 COPPER ORE AND CONCENTRATES-----	62,906	-----	-----	62,906	-----
1051 ALUMINIUM ORES, CONCENTRATES-----	327,971	-----	-----	327,971	-----
1061 MANGANESE ORES, CONCENTRATES-----	437,184	565	82	436,529	8
1091 NONFERROUS ORES, CONCENT, NEC-----	442,074	6,262	-----	435,812	-----
COAL					
1121 COAL AND LIGNITE-----	82,975,424	6,015,496	9,289,712	67,615,181	55,035
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM-----	423,278,502	417,488,957	81	5,729,710	59,754
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE-----	8,593,171	4,645	6,685,558	1,902,681	287
1412 BUILDING STONE, UNWORKED-----	1,493	1,493	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	7,134,945	140,323	242,674	6,619,639	132,309
1451 CLAY-----	173,146	13,266	1,562	156,606	1,710
1471 PHOSPHATE ROCK-----	4,378,310	4,354,060	-----	24,250	-----
1479 NATURAL FERTILIZER MATS, NEC-----	4,119	-----	-----	4,119	-----
1491 SALT-----	4,744,551	150,346	314,182	4,275,111	4,912
1492 SULPHUR, DRY-----	33,534	33,534	-----	-----	-----
1493 SULPHUR, LIQUID-----	2,936,527	2,620,330	-----	312,082	4,115
1494 GYPSUM, CRUDE AND PLASTERS-----	680,690	31,227	333,937	315,526	-----
1499 NONMETALLIC MINERALS, NEC-----	367,621	21,656	6	344,278	1,881
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES-----	1,411	1,411	-----	-----	-----
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN-----	675,672	675,559	113	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	111,662	111,662	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	97,321	19,587	-----	77,734	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	7,616	5,123	-----	2,493	-----
2021 DAIRY PRODUCTS, NEC-----	111,453	111,388	65	-----	-----
2022 DRIED MILK AND CREAM-----	47,499	47,499	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	560,372	560,217	-----	155	-----
2034 VEGETABLES AND PREP, NEC-----	423,292	418,220	55	5,017	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	694,765	694,765	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	61,695	61,533	-----	162	-----
2042 ANIMAL FEEDS-----	9,565,817	369,835	172	9,191,627	3,983
2049 GRAIN MILL PRODUCTS, NEC-----	4,758,179	122,940	-----	4,635,239	-----
2061 SUGAR-----	4,872,974	4,641,681	-----	231,293	-----
2062 MOLASSES-----	852,626	323,000	-----	529,443	183
2081 ALCOHOLIC BEVERAGES-----	729,308	729,303	-----	5	-----
2091 VEGETABLE OILS, MARG, SHORT-----	964,996	155,318	-----	808,900	778
2092 ANIMAL OILS AND FATS, NEC-----	19,768	1,101	-----	18,225	242
2094 GROCERIES-----	817,310	816,898	5	407	-----
2095 ICE-----	2,089	199	2	1,883	5
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,957,902	1,926,408	1,161	30,256	77
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES-----	37,609	37,609	-----	-----	-----



TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
<b>BASIC TEXTILES</b>					
2211 BASIC TEXTILE PRODUCTS-----	102,144	73,943	-----	28,201	-----
2212 TEXTILE FIBERS, NEC-----	15,754	13,065	-----	2,689	-----
<b>APPAREL &amp; OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT</b>					
2311 APPAREL-----	437,226	437,226	-----	-----	-----
<b>LUMBER &amp; WOOD PRODS., EXCL. FURNITURE</b>					
2411 LOGS-----	155,290	2,987	-----	152,068	235
2412 RAFTED LOGS-----	530,984	1,345	-----	495,537	34,102
2413 FUEL WOOD, CHARCOAL, WASTES-----	49,857	32,592	-----	17,265	-----
2414 TIMBER, POSTS, POLES, PILING-----	42,883	41,496	46	1,335	6
2415 PULPHOOD, LOGS-----	303,878	526	-----	302,163	1,189
2416 WOOD CHIPS, STAVES, MOLDINGS-----	529,531	55	-----	527,999	2,377
2421 LUMBER-----	1,646,491	1,615,598	440	29,953	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	267,257	193,263	205	73,788	1
2491 WOOD MANUFACTURES, NEC-----	200,562	200,017	62	482	1
<b>FURNITURE &amp; FIXTURES</b>					
2511 FURNITURE AND FIXTURES-----	402,928	402,906	-----	22	-----
<b>PULP, PAPER &amp; ALLIED PRODUCTS</b>					
2611 PULP-----	127,322	67,162	1,431	58,729	-----
2621 STANDARD NEWSPRINT PAPER-----	80,206	20,275	-----	58,633	-----
2631 PAPER AND PAPERBOARD-----	565,209	276,319	5,130	283,757	3
2691 PULP AND PAPER PRODUCTS, NEC-----	693,839	610,179	-----	83,646	14
<b>PRINTED MATTER</b>					
2711 PRINTED MATTER-----	37,782	37,782	-----	-----	-----
<b>CHEMICALS &amp; ALLIED PRODUCTS</b>					
2810 SODIUM HYDROXIDE-----	4,608,162	2,036,268	2,872	2,565,821	3,201
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,090,570	116,358	4,816	965,346	2,050
2812 DYES, PIGMENT, TANNING MATS-----	736	736	-----	-----	-----
2813 ALCOHOLS-----	4,370,742	1,655,305	-----	2,707,808	7,629
2816 RADIOACTIVE MATERIALS, WASTES-----	3,366	2,593	-----	773	-----
2817 BENZENE AND TOLUENE-----	2,649,523	1,137,110	24,789	1,486,063	19,501
2818 SULPHURIC ACID-----	414,178	35,695	-----	372,039	6,444
2819 BASIC CHEMICALS AND PROD., NEC-----	22,610,417	9,467,016	10,914	13,109,107	23,378
2821 PLASTIC MATERIALS-----	194,689	186,887	-----	7,802	-----
2822 SYNTHETIC RUBBER-----	28,232	20,375	-----	7,857	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,202	6,202	-----	-----	-----
2831 DRUGS-----	64,685	64,685	-----	-----	-----
2841 SOAP-----	259,168	251,030	-----	8,136	-----
2851 PAINTS-----	62,467	62,460	-----	7	-----
2861 GUM AND WOOD CHEMICALS-----	401,723	351,983	310	49,331	49
2871 NITROGENOUS CHEM FERTILIZERS-----	4,788,877	1,135,779	3,225	3,648,337	1,536
2872 POTASSIUM CHEM FERTILIZERS-----	1,218,818	114,890	-----	1,103,344	584
2873 PHOSPHATIC CHEM FERTILIZERS-----	666,087	131,181	-----	532,635	2,071
2876 INSECTICIDES, DISINFECTANTS-----	19,512	19,499	-----	13	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,031,132	694,726	-----	4,326,890	7,516
2891 MISCELLANEOUS CHEMICAL PROD-----	916,172	656,821	-----	259,276	75
<b>PETROLEUM &amp; COAL PRODUCTS</b>					
2911 GASOLINE-----	41,213,970	31,681,611	213,347	9,124,667	194,345
2912 JET FUEL-----	7,071,137	5,645,469	764	1,421,296	3,606
2913 KEROSENE-----	2,223,111	1,898,787	1,248	317,438	5,638
2914 DISTILLATE FUEL OIL-----	30,116,398	25,221,217	76,554	4,837,241	181,386
2915 RESIDUAL FUEL OIL-----	42,865,693	34,734,085	69,549	7,825,052	237,007
2916 LUBRICATING OILS AND GREASES-----	8,213,794	5,956,026	1,004	2,256,761	1,795
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,087,037	2,707,725	53	1,384,901	12,278
2918 ASPHALT, TAR, AND PITCHES-----	5,348,151	1,775,716	185,749	3,374,446	12,240
2920 COKE, PETROLEUM COKE-----	4,321,973	184	143,293	4,156,116	22,380
2921 LIQUEFIED GASES-----	668,366	205,958	9	462,267	132
2951 ASPHALT BUILDING MATERIALS-----	45,816	45,816	-----	-----	-----
299. PETROLEUM AND COAL PROD., NEC-----	1,342,067	983,510	-----	356,567	1,990
<b>RUBBER &amp; MISC. PLASTIC PRODUCTS</b>					
3011 RUBBER AND MISC PLASTIC PROD-----	266,512	265,741	726	45	-----
<b>LEATHER &amp; LEATHER PRODUCTS</b>					
3111 LEATHER AND LEATHER PRODUCTS-----	41,284	41,284	-----	-----	-----
<b>STONE, CLAY, GLASS, &amp; CONCRETE PROD.</b>					
3211 GLASS AND GLASS PRODUCTS-----	57,295	50,566	-----	6,729	-----
3241 BUILDING CEMENT-----	4,187,174	644,197	846,960	2,680,408	15,609
3251 STRUCTURAL CLAY PRODUCTS-----	90,904	72,799	-----	18,105	-----
3271 LIME-----	742,211	3,953	-----	738,258	-----
3281 CUT STONE AND STONE PRODUCTS-----	26,553	25,803	-----	750	-----
3291 MISC NONMETALLIC MINERAL PROD-----	353,183	301,534	63	51,501	65
<b>PRIMARY METAL PRODUCTS</b>					
3311 PIG IRON-----	193,895	317	-----	193,578	-----
3312 SLAG-----	767,395	28,183	248,069	491,143	-----
3313 COKE, PET ASPHALTS, SOLVENTS-----	90	88	-----	2	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,550,687	19,765	1,145	1,529,588	184
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,292,777	71,360	-----	2,221,357	60

## WATER CARRIAGE TON-MILES

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TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3316 IRON AND STEEL PLATES, SHEETS-----	722,054	46,695	1	675,234	124
3317 IRON AND STEEL PIPE AND TUBE-----	603,290	77,132	2	525,463	693
3318 FERROALLOYS-----	1,376,115	20,126	-----	1,355,855	134
3319 IRON AND STEEL PRODUCTS, NEC-----	505,383	67,907	182	437,294	-----
3321 NONFERROUS METALS, NEC-----	21,676	8,319	-----	13,349	8
3322 COPPER ALLOYS, UNWORKED-----	49,618	11,894	-----	37,720	4
3323 LEAD AND ZINC, UNWORKED-----	107,821	3,575	-----	104,243	3
3324 ALUMINUM AND ALLOYS, UNWORKED-----	74,793	15,970	-----	58,819	4
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	847,888	762,844	1,549	82,984	511
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	410,705	324,151	25	86,394	135
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	194,902	190,997	-----	3,905	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	679,364	668,448	58	10,858	-----
3721 AIRCRAFT AND PARTS-----	3,748	1,990	-----	1,758	-----
3731 SHIPS AND BOATS-----	16,195	14,530	-----	1,665	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	28,613	28,397	-----	216	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	50,967	50,965	-----	2	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	598,000	569,547	-----	28,444	9
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	2,551,400	67,994	-----	2,478,013	5,393
4012 NONFERROUS METAL SCRAP-----	25,352	14,503	-----	10,849	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,065	8,065	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,048	1,046	-----	2	-----
4029 WASTE AND SCRAP, NEC-----	801,983	50,659	1	649,506	101,817
SPECIAL ITEMS					
4111 WATER-----	23,007	557	-----	22,232	218
4112 COMMODITIES, NEC-----	4,419,626	4,368,810	445	47,921	2,450

TABLE 6--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987

		(IN THOUSANDS)				
COMMODITY		TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL		29,082,233	8,832,853	17,462	20,417,965	13,953
FARM PRODUCTS						
0101	COTTON, RAW	1,236	1,236			
0102	BARLEY AND RYE	15,565	158		15,407	
0103	CORN	317,187	36,479		280,708	
0104	OATS	9,946	2,399		7,547	
0105	RICE	49,447	47,899		1,548	
0106	SORGHUM GRAINS	46,032	6,817		39,215	
0107	WHEAT	190,133	41,591		148,537	5
0111	SOYBEANS	208,030	768		207,262	
0112	FLAXSEED	162	162			
0119	JOILSEEDS, NEC	20,921	1,416		19,504	
0121	TOBACCO, LEAF	2,676	2,676			
0122	HAY AND FODDER	1,611	1,611			
0129	FIELD CROPS, NEC	17,876	1,296		16,578	2
0131	FRESH FRUITS	31,589	31,589	9		
0132	BANANAS AND PLANTAINS	8,155	8,155			
0133	COFFEE	54,853	54,853			
0134	COCOA BEANS	6,247	6,247			
0141	FRESH AND FROZEN VEGETABLES	102,398	102,342	56		
0151	LIVE ANIMALS	1,087	1,087			
0161	ANIMALS AND PRODUCTS, NEC	4,862	4,862			
0191	MISCELLANEOUS FARM PRODUCTS	6,088	6,088			
FOREST PRODUCTS						
0861	FOREST PRODUCTS, NEC	3,140	3,140			
FRESH FISH & OTHER MARINE PRODUCTS						
0911	FRESH FISH, EXCEPT SHELLFISH	62,176	62,176			
0912	SHELLFISH, EXCEPT PREPARED	5,736	5,736			
0931	MARINE SHELLS, UNMANUFACTURED	1,517	1,517			
METALLIC ORES						
1011	IRON ORE AND CONCENTRATES	1,971,486	542		1,970,820	124
1051	ALUMINUM ORES, CONCENTRATES	22,568			22,568	
1061	MANGANESE ORES, CONCENTRATES	239,874		82	239,784	8
1091	NONFERROUS ORES, CONCENT, NEC	26,543	13		26,530	
COAL						
1121	COAL AND LIGNITE	5,504,120	292,015	4	5,212,083	18
CRUDE PETROLEUM						
1311	CRUDE PETROLEUM	310,120	320		309,800	
NONMETALLIC MINERALS, EXCEPT FUELS						
1411	LIMESTONE	219,406	868		218,538	
1412	BUILDING STONE, UNWORKED	1,401	1,401			
1462	SAND, GRAVEL, CRUSHED ROCK	1,110,731	5,722	320	1,104,689	
1451	CLAY	26,373	6,926	1,562	19,885	
1491	SALT	37,676	17,232	347	20,097	
1492	SULPHUR, DRY	13,310	13,310			
1496	GYPSUM, CRUDE AND PLASTERS	85,593	7,018		78,575	
1499	NONMETALLIC MINERALS, NEC	94,019	10,975	6	83,038	
ORDNANCE & ACCESSORIES						
1911	ORDNANCE AND ACCESSORIES	234	234			
FOOD & KINDRED PRODUCTS						
2011	MEAT, FRESH, CHILLED, FROZEN	161,176	161,063	113		
2012	MEAT AND PRODUCTS, NEC	51,813	51,813			
2014	TALLOW, ANIMAL FATS AND OILS	956	953		3	
2021	ANIMAL BY-PRODUCTS, NEC	3,344	3,344			
2021	DAIRY PRODUCTS, NEC	21,340	21,275	65		
2022	DIETED MILK AND CREAM	34,116	34,116			
2031	FISH AND SHELLFISH, PREPARED	281,497	281,497			
2034	VEGETABLES AND PREP, NEC	82,224	82,169	55		
2039	PREP FRUIT AND VEG JUICE, NEC	66,641	66,641			
2041	WHEAT FLOUR AND SEMOLINA	24,417	24,417			
2042	ANIMAL FEEDS	153,933	110,033	172	43,728	
2049	GRAIN MILL PRODUCTS, NEC	57,008	49,823		7,185	
2061	SUGAR	454,724	380,629		74,095	
2081	ALCOHOLIC BEVERAGES	257,571	257,571			
2091	VEGETABLE OILS, MARG, SHORT	12,872	12,872			
2092	ANIMAL OILS AND FATS, NEC	1,009	1,009			
2094	GROCERIES	1,429	1,424	5		
2095	ICE	41	39	2		
2099	MISCELLANEOUS FOOD PRODUCTS	188,032	187,879	153		
TOBACCO PRODUCTS						
2111	TOBACCO MANUFACTURES	8,105	8,105			
BASIC TEXTILES						
2211	BASIC TEXTILE PRODUCTS	36,515	12,699		23,816	
2212	TEXTILE FIBERS, NEC	384	384			

## WATER CARRIAGE TON-MILES

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TABLE 6--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED

		(IN THOUSANDS)				
COMMODITY		TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT						
2311 APPAREL-----		326,268	326,268			
LUMBER & WOOD PRODUCTS, EXC. FURNITURE						
2411 LOGS-----		8,422	150		8,272	
2412 RAFTED LOGS-----		284			284	
2413 FUEL WOOD, CHARCOAL, WASTES-----		2,172	92		2,080	
2414 TIMBER, POSTS, POLES, PILING-----		1,821	1,821			
2415 PULPWOOD, LOG-----		173			173	
2416 WOOD CHIPS, STAVES, MOLDINGS-----		31,541	55		31,485	1
2421 LUMBER-----		725,915	706,746	940	18,229	
2431 VENEER, PLYWOOD, WORKED WOOD-----		72,196	51,273	205	21,317	1
2491 WOOD MANUFACTURES, NEC-----		10,812	10,750	62		
FURNITURE & FIXTURES						
2511 FURNITURE AND FIXTURES-----		26,384	26,384			
PULP, PAPER & ALLIED PRODUCTS						
2611 PULP-----		31,662	1,356	1,431	28,875	
2621 STANDARD NEWSPRINT PAPER-----		19,354	11,367	1,298	6,689	
2631 PAPER AND PAPERBOARD-----		351,505	145,465	5,130	200,907	3
2691 PULP AND PAPER PRODUCTS, NEC-----		141,232	95,318		45,900	14
PRINTED MATTER						
2711 PRINTED MATTER-----		4,613	4,613			
CHEMICALS & ALLIED PRODUCTS						
2810 SODIUM HYDROXIDE-----		246,030	9,748		236,250	32
2811 CRUDE TAR, OIL, GAS PRODUCTS-----		219,496	696		217,761	1,039
2812 DYES, PIGMENT, TANNING MATS-----		610				
2813 ALCOHOLS-----		703,154	70,303		631,913	938
2816 RADIOACTIVE MATERIALS, WASTES-----		552				
2817 BENZENE AND TOLUENE-----		245,428	2,217		240,408	2,803
2818 SULPHURIC ACID-----		122,432	1,419		120,276	737
2819 BASIC CHEMICALS AND PROD, NEC-----		1,736,472	556,760	988	1,177,690	2,834
2821 PLASTIC MATERIALS-----		80,413	80,413			
2822 SYNTHETIC RUBBER-----		20,161	20,159		2	
2823 SYNTHETIC (MAN-MADE) FIBERS-----		246	246			
2831 DRUGS-----		8,847	8,847			
2841 SOAP-----		70,450	70,450			
2851 PAINTS-----		7,941	7,941			
2861 GUM AND WOOD CHEMICALS-----		1,960	1,664	310	6	
2871 NITROGENOUS CHEM FERTILIZERS-----		159,895	122,120		37,775	
2872 POTASSIC CHEM FERTILIZERS-----		20,576	19,002		1,576	
2873 PHOSPHATIC CHEM FERTILIZERS-----		19,412	15,010		4,402	
2876 INSECTICIDES, DISINFECTANTS-----		3,849	3,849			
2879 FERTILIZER AND MATERIALS, NEC-----		187,383	40,401		146,982	
2891 MISCELLANEOUS CHEMICAL PROD-----		61,282	18,416		42,831	35
PETROLEUM & COAL PRODUCTS						
2911 GASOLINE-----		517,690	145,753	14	368,453	3,470
2912 JET FUEL-----		106,557	19,643		86,914	
2913 KEROSENE-----		129,331	369		128,962	
2914 DISTILLATE FUEL OIL-----		242,663	169,917	23	72,375	345
2915 RESIDUAL FUEL OIL-----		1,120,353	30		1,119,929	306
2916 LUBRICATING OILS AND GREASES-----		232,850	158,460		74,382	8
2917 NAPHTHA, PETROLEUM SOLVENTS-----		47,564	4,896		42,525	143
2918 ASPHALT, TAR, AND PITCHES-----		30,694	514	25	30,066	69
2920 COKE, PETROLEUM COKE-----		715,431	91		715,340	
2921 LIQUEFIED GASES-----		7,124	7,118	6		
2931 ASPHALT BUILDING MATERIALS-----		218	218			
2991 PETROLEUM AND COAL PROD, NEC-----		455,859	410,571		45,282	6
RUBBER & MISC. PLASTIC PRODUCTS						
3011 RUBBER AND MISC PLASTIC PROD-----		78,706	77,980	726		
LEATHER & LEATHER PRODUCTS						
3111 LEATHER AND LEATHER PRODUCTS-----		12,287	12,287			
STONE, CLAY, GLASS, & CONCRETE PROD.						
3211 GLASS AND GLASS PRODUCTS-----		25,705	20,499		5,206	
3241 BUILDING CEMENT-----		193,807	16,731	384	176,692	
3251 STRUCTURAL CLAY PRODUCTS-----		52,958	52,958			
3271 LIME-----		24,254	747		23,507	
3281 CUT STONE AND STONE PRODUCTS-----		16,676	16,676			
3291 MISC NONMETALLIC MINERAL PROD-----		19,405	14,387	63	4,955	
PRIMARY METAL PRODUCTS						
3311 PIG IRON-----		85,976	317		85,659	
3312 SLAB-----		192,489	244		192,245	
3314 IRON AND STEEL PRIMARY FORMS-----		714,499	8,775	1,145	704,532	27
3315 IRON, STEEL SHAPES, EXC SHEET-----		610,946	54,784		560,152	12
3316 IRON AND STEEL PLATES, SHEETS-----		529,507	3,563		525,848	96
3317 IRON AND STEEL PIPE AND TUBE-----		206,219	27,452	2	172,162	603
3318 FERROALLOYS-----		762,426	20,126		742,195	105
3319 IRON AND STEEL PRODUCTS, NEC-----		289,819	2,423	182	287,214	
3321 NONFERROUS METALS, NEC-----		11,691	4,056		7,635	
3322 COPPER ALLOYS, UNWORKED-----		41,871	10,298		31,689	8

TABLE 6--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3323 LEAD AND ZINC, UNWORKED-----	34,754	3,139	-----	31,612	3
3324 ALUMINUM AND ALLOYS, UNWORKED-----	45,726	14,712	-----	31,010	4
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	135,856	91,938	1,441	42,477	-----
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	103,447	87,038	25	16,384	-----
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	55,429	55,358	-----	71	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	76,895	76,418	-----	2,477	-----
3721 AIRCRAFT AND PARTS-----	1,758	1,728	-----	30	-----
3731 SHIPS AND BOATS-----	1,218	1,014	-----	204	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,628	1,522	-----	106	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5,522	5,520	-----	2	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	59,054	57,898	-----	1,156	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	692,496	43,586	-----	648,832	78
4012 NONFERROUS METAL SCRAP-----	8,376	6,740	-----	1,636	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	4,288	4,288	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	765	765	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	13,680	98	1	13,581	-----
SPECIAL ITEMS					
4111 WATER-----	2,480	-----	-----	2,480	-----
4112 COMMODITIES, NEC-----	1,960,347	1,952,095	110	8,142	-----

## WATER CARRIAGE TON-MILES

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TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL-----	635,184,158	379,545,441	38,785,951	215,342,670	910,096
FARM PRODUCTS					
0101 COTTON, RAW-----	3,050	794	-----	2,256	-----
0102 BARLEY AND RYE-----	274,832	-----	-----	274,832	-----
0103 CORN-----	36,875,650	256,607	-----	36,616,624	2,419
0104 OATS-----	156,120	4,217	-----	153,903	-----
0105 RICE-----	635,859	133,394	-----	502,465	-----
0106 SORGHUM GRAINS-----	1,305,554	-----	-----	1,305,554	-----
0107 WHEAT-----	6,754,198	176,559	446,766	6,130,521	350
0111 SOYBEANS-----	18,676,212	5,492	-----	18,662,337	2,383
0119 OILSEEDS, NEC-----	24,551	-----	-----	24,551	-----
0121 TOBACCO, LEAF-----	269	269	-----	-----	-----
0122 HAY AND FODDER-----	6,658	947	-----	5,711	-----
0129 FIELD CROPS, NEC-----	22,633	20,405	-----	2,228	-----
0131 FRESH FRUITS-----	291,185	291,185	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	13,763	13,763	-----	-----	-----
0133 COFFEE-----	6,781	6,781	-----	-----	-----
0134 COCOA BEANS-----	148	148	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	486,854	479,284	-----	7,570	-----
0151 LIVE ANIMALS-----	12,821	12,821	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	25,941	25,423	-----	518	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	31,248	28,287	-----	2,961	-----
FOREST PRODUCTS					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,95	1,952	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	19,226	19,226	-----	-----	-----
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH-----	45,188	43,908	3	1,276	1
0912 SHELLFISH, EXCEPT PREPARED-----	14,933	13,560	-----	1,373	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	89,243	-----	-----	89,243	-----
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES-----	22,571,973	26	21,923,805	647,649	493
1021 COPPER ORE AND CONCENTRATES-----	62,906	-----	-----	62,906	-----
1051 ALUMINUM ORES, CONCENTRATES-----	295,244	-----	-----	295,244	-----
1061 MANGANESE ORES, CONCENTRATES-----	197,310	565	-----	196,745	-----
1091 NONFERRUGINOUS ORES, CONCENTRATES-----	415,531	6,249	-----	409,282	-----
COAL					
1121 COAL AND LIGNITE-----	76,905,964	5,559,671	9,073,077	62,225,198	48,018
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM-----	273,923,257	269,088,481	81	4,783,101	51,594
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE-----	6,448,821	3,777	5,483,433	961,611	-----
1412 BUILDING STONE, UNWORKED-----	92	92	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,799,903	130,273	241,876	3,346,612	82,942
1451 CLAY-----	130,876	6,339	-----	123,660	877
1471 PHOSPHATE ROCK-----	4,330,309	4,306,059	-----	24,250	-----
1479 NATURAL FERTILIZER MATS, NEC-----	4,119	-----	-----	4,119	-----
1491 SALT-----	4,467,955	127,360	159,275	4,176,386	4,912
1492 SULPHUR, DRY-----	20,224	20,224	-----	-----	-----
1493 SULPHUR, LIQUID-----	2,028,655	1,761,433	-----	263,819	3,403
1494 GYPSUM, CRUDE AND PLASTERS-----	496,025	24,145	335,937	137,943	-----
1499 NONMETALLIC MINERALS, NEC-----	269,013	10,681	-----	256,466	1,866
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES-----	1,177	1,177	-----	-----	-----
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN-----	514,454	514,454	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	59,849	59,849	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	96,365	18,634	-----	77,731	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	4,272	1,779	-----	2,493	-----
2021 DAIRY PRODUCTS, NEC-----	90,113	90,113	-----	-----	-----
2022 DRIED MILK AND CREAM-----	13,381	13,381	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	234,522	234,367	-----	155	-----
2034 VEGETABLES AND PREP, NEC-----	341,069	336,051	-----	5,017	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	832,058	832,058	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	37,278	37,116	-----	162	-----
2042 ANIMAL FEEDS-----	9,170,511	259,802	-----	8,906,726	3,983
2049 GRAIN MILL PRODUCTS, NEC-----	4,215,641	73,117	-----	4,142,524	-----
2061 SUGAR-----	4,418,250	4,261,052	-----	157,198	-----
2062 MOLASSES-----	817,824	323,000	-----	494,841	183
2081 ALCOHOLIC BEVERAGES-----	471,737	471,732	-----	5	-----
2091 VEGETABLE OILS, MARG, SHORT-----	855,514	142,446	-----	712,290	778
2092 ANIMAL OILS AND FATS, NEC-----	18,517	92	-----	18,425	-----
2094 GROCERIES-----	815,818	815,411	-----	407	-----
2095 ICE-----	1,976	160	-----	1,811	5
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,764,361	1,738,504	1,008	24,849	-----
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES-----	29,504	29,504	-----	-----	-----

TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
<b>BASIC TEXTILES</b>					
2211 BASIC TEXTILE PRODUCTS-----	65,629	61,244	-----	4,385	-----
2212 TEXTILE FIBERS, NEC-----	15,370	12,681	-----	2,689	-----
<b>APPAREL &amp; OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT</b>					
2311 APPAREL-----	110,958	110,958	-----	-----	-----
<b>LUMBER &amp; WOOD PRODS., EXC. FURNITURE</b>					
2411 LOGS-----	98,691	2,837	-----	95,854	-----
2412 RAFTED LOGS-----	520,362	1,296	-----	485,137	33,929
2413 FUEL WOOD, CHARCOAL, WASTES-----	44,476	32,500	-----	11,976	-----
2414 TIMBER, POSTS, POLES, PILING-----	40,794	39,675	46	1,070	3
2415 PULPWOOD, LOG-----	36,698	526	-----	36,172	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	433,130	-----	-----	430,762	2,376
2421 LUMBER-----	920,420	908,852	-----	11,568	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	194,458	141,990	-----	52,468	-----
2491 WOOD MANUFACTURES, NEC-----	189,338	169,265	-----	73	-----
<b>FURNITURE &amp; FIXTURES</b>					
2511 FURNITURE AND FIXTURES-----	376,544	376,522	-----	22	-----
<b>PULP, PAPER &amp; ALLIED PRODUCTS</b>					
2611 PULP-----	94,448	64,594	-----	29,854	-----
2621 STANDARD NEWSPRINT PAPER-----	60,852	8,908	-----	51,944	-----
2631 PAPER AND PAPERBOARD-----	213,704	130,854	-----	82,850	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	544,144	506,398	-----	37,746	-----
<b>PRINTED MATTER</b>					
2711 PRINTED MATTER-----	33,169	33,169	-----	-----	-----
<b>CHEMICALS &amp; ALLIED PRODUCTS</b>					
2810 SODIUM HYDROXIDE-----	2,766,726	2,020,103	2,872	741,671	2,080
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	792,431	115,985	4,816	670,639	1,011
2812 DYES, PIGMENT, TANNING MATS-----	126	-----	-----	-----	-----
2813 ALCOHOLS-----	2,933,846	1,324,590	-----	1,604,722	4,534
2816 RADIOACTIVE MATERIALS, WASTES-----	2,041	2,041	-----	-----	-----
2817 BENZENE AND TOLUENE-----	1,670,841	747,775	-----	907,514	15,552
2818 SULPHURIC ACID-----	55,128	20,739	-----	33,724	665
2819 BASIC CHEMICALS AND PROD, NEC-----	15,794,208	6,234,785	9,926	9,535,569	14,128
2821 PLASTIC MATERIALS-----	114,185	106,474	-----	7,711	-----
2822 SYNTHETIC RUBBER-----	8,071	216	-----	7,855	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	5,956	5,956	-----	-----	-----
2831 DRUGS-----	55,838	55,838	-----	-----	-----
2841 SOAP-----	188,718	180,580	-----	8,138	-----
2851 PAINTS-----	54,526	54,519	-----	7	-----
2861 GUM AND WOOD CHEMICALS-----	399,743	350,319	-----	49,325	99
2871 NITROGENOUS CHEM FERTILIZERS-----	4,293,165	1,013,659	3,225	3,274,816	1,465
2872 POTASSIC CHEM FERTILIZERS-----	1,196,312	95,888	-----	1,099,840	584
2873 PHOSPHATIC CHEM FERTILIZERS-----	561,825	49,353	-----	510,401	2,071
2876 INSECTICIDES, DISINFECTANTS-----	15,663	15,650	-----	13	-----
2879 FERTILIZER AND MATERIALS, NEC-----	4,165,129	238,522	-----	3,919,097	7,510
2891 MISCELLANEOUS CHEMICAL PROD-----	247,909	111,647	-----	136,222	40
<b>PETROLEUM &amp; COAL PRODUCTS</b>					
2911 GASOLINE-----	28,465,441	21,731,868	79,155	6,496,195	158,223
2912 JET FUEL-----	4,947,414	3,925,025	764	1,019,290	2,335
2913 KEROSENE-----	906,765	744,658	1,248	155,658	5,201
2914 DISTILLATE FUEL OIL-----	19,582,007	15,995,006	30,689	3,403,420	152,892
2915 RESIDUAL FUEL OIL-----	24,120,050	18,071,028	69,272	5,757,554	222,196
2916 LUBRICATING OILS AND GREASES-----	3,802,121	2,104,194	1,004	1,695,334	1,589
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,159,599	1,196,051	53	953,641	9,654
2918 ASPHALT, TAR, AND PITCHES-----	4,665,817	1,490,889	185,724	2,978,169	10,835
2920 COKE, PETROLEUM COKE-----	3,575,566	93	-----	3,436,319	22,360
2921 LIQUEFIED GASES-----	110,562	8,041	3	102,518	-----
2951 ASPHALT BUILDING MATERIALS-----	45,398	45,398	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	800,409	487,948	-----	310,477	1,984
<b>RUBBER &amp; MISC. PLASTIC PRODUCTS</b>					
3011 RUBBER AND MISC PLASTIC PROD-----	187,806	187,761	-----	45	-----
<b>LEATHER &amp; LEATHER PRODUCTS</b>					
3111 LEATHER AND LEATHER PRODUCTS-----	28,997	28,997	-----	-----	-----
<b>STONE, CLAY, GLASS, &amp; CONCRETE PROD.</b>					
3211 GLASS AND GLASS PRODUCTS-----	31,590	30,067	-----	1,523	-----
3241 BUILDING CEMENT-----	2,605,112	73,942	447,897	2,070,216	13,057
3251 STRUCTURAL CLAY PRODUCTS-----	37,946	19,841	-----	18,105	-----
3271 LIME-----	623,882	3,206	-----	620,676	-----
3281 CUT STONE AND STONE PRODUCTS-----	9,877	9,127	-----	750	-----
3291 MISC NONMETALLIC MINERAL PROD-----	315,110	287,147	-----	27,963	-----
<b>PRIMARY METAL PRODUCTS</b>					
3311 PIG IRON-----	107,919	-----	-----	107,919	-----
3312 SLAG-----	489,787	21,334	170,758	297,693	-----
3313 COKE, PET ASPHALTS, SOLVENTS-----	90	88	-----	2	-----
3314 IRON AND STEEL PRIMARY FORMS-----	835,709	10,990	-----	824,557	162
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,677,883	16,576	-----	1,661,061	46

TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3316 IRON AND STEEL PLATES, SHEETS-----	192,547	43,132	1	149,386	28
3317 IRON AND STEEL PIPE AND TUBE-----	386,739	49,680		337,014	45
3318 FERROALLOYS-----	613,689			613,680	29
3319 IRON AND STEEL PRODUCTS, NEC-----	215,564	65,484		150,380	
3321 NONFERROUS METALS, NEC-----	9,985	4,263		5,714	8
3322 COPPER ALLOYS, UNWORKED-----	7,647	1,596		6,051	
3323 LEAD AND ZINC, UNWORKED-----	73,067	436		72,631	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	29,067	1,258		27,809	
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS, EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	703,452	664,024	108	38,923	397
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	297,929	232,708		65,119	102
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	139,452	135,639		3,813	
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	600,442	592,028	58	8,356	
3721 AIRCRAFT AND PARTS-----	1,990	262		1,728	
3731 SHIPS AND BOATS-----	14,959	13,516		1,443	
3791 MISC TRANSPORTATION EQUIPMENT-----	26,942	26,875		67	
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	45,445	45,445			
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	518,716	507,561		11,146	9
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	1,854,619	22,871		1,827,567	4,181
4012 NONFERROUS METAL SCRAP-----	16,976	7,763		9,213	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	3,777	3,777			
4024 PAPER WASTE AND SCRAP-----	283	281		2	
4029 WASTE AND SCRAP, NEC-----	593,456	36,808		544,794	11,854
SPECIAL ITEMS					
4111 WATER-----	5,001	546		4,260	193
4112 COMMODITIES, NEC-----	2,439,181	2,396,979	335	39,425	2,442



TABLE 8--PRIVATE CARRIAGE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL-----	231,149,110	198,640,090	11,273,320	20,975,810	259,890
FARM PRODUCTS					
0102 BARLEY AND RYE-----	12,308			12,308	
0103 CORN-----	1,199,023			1,199,023	
0104 OATS-----	963			963	
0105 RICE-----	8,558			8,558	
0106 SORGHUM GRAINS-----	157,548			157,548	
0107 WHEAT-----	445,254		130,545	314,709	
0111 SOYBEANS-----	818,192			818,130	62
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH-----	21,957	4		21,940	13
0912 SHELLFISH, EXCEPT PREPARED-----	9,005	129		8,828	48
0931 MARINE SHELLS, UNMANUFACTURED-----	430,702			430,702	
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES-----	8,859,803		8,859,346		457
1051 ALUMINUM ORES, CONCENTRATES-----	10,159			10,159	
COAL					
1121 COAL AND LIGNITE-----	565,340	163,810	216,631	177,900	6,999
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM-----	149,045,125	148,400,156		636,809	8,160
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE-----	1,924,944		1,202,125	722,532	287
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,224,311	4,328	478	2,170,138	49,367
1451 CLAY-----	13,897	3		13,061	833
1471 PHOSPHATE ROCK-----	48,001	48,001			
1491 SALT-----	238,920	5,734	154,560	78,626	
1493 SULPHUR, LIQUID-----	907,872	858,897		48,263	712
1494 GYPSUM, CRUDE AND PLASTERS-----	99,072	64		99,008	
1499 NONMETALLIC MINERALS, NEC-----	4,789			4,774	15
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN-----	42	42			
2031 FISH AND SHELLFISH, PREPARED-----	44,353	44,353			
2039 PREP FRUIT AND VEG JUICE, NEC-----	66	66			
2042 ANIMAL FEEDS-----	241,373			241,373	
2049 GRAIN MILL PRODUCTS, NEC-----	485,530			485,530	
2062 MOLASSES-----	34,802			34,802	
2091 VEGETABLE OILS, MARG, SHORT-----	116,610			116,610	
2092 ANIMAL OILS AND FATS, NEC-----	242				242
2094 GROCERIES-----	63	63			
2095 ICE-----	72			72	
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,509	25		5,407	77
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS-----	48,177			47,942	235
2412 RAFTED LOGS-----	10,338	49		10,116	173
2413 FUEL WOOD, CHARCOAL, WASTES-----	3,209			3,209	
2414 TIMBER, POSTS, POLES, PILING-----	268			265	3
2415 PULPMOOD, LOG-----	267,007			265,818	1,189
2416 WOOD CHIPS, STAVES, MOLDINGS-----	64,852			64,852	
2421 LUMBER-----	156			156	
2431 VENEER, PLYWOOD, WORKED WOOD-----	3			3	
2491 WOOD MANUFACTURES, NEC-----	412	2		409	1
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	1,212	1,212			
2691 PULP AND PAPER PRODUCTS, NEC-----	8,463	8,463			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	1,595,406	6,417		1,587,900	1,089
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	78,643	1,697		76,946	
2813 ALCOHOLS-----	733,742	260,412		471,173	2,157
2816 RADIOACTIVE MATERIALS, WASTES-----	773			773	
2817 BENZENE AND TOLUENE-----	733,254	387,118	24,789	320,141	1,206
2818 SULPHURIC ACID-----	236,618	13,537		218,039	5,042
2819 BASIC CHEMICALS AND PROD, NEC-----	5,077,737	2,675,473		2,395,848	6,416
2821 PLASTIC MATERIALS-----	91			91	
2871 NITROGENOUS CHEM FERTILIZERS-----	335,817			335,746	71
2872 POTASSIC CHEM FERTILIZERS-----	1,924			1,928	
2873 PHOSPHATIC CHEM FERTILIZERS-----	84,850	66,818		18,032	
2879 FERTILIZER AND MATERIALS, NEC-----	678,620	415,803		262,811	6
2891 MISCELLANEOUS CHEMICAL PROD-----	606,981	526,758		80,223	
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	12,230,839	9,803,990	134,178	2,200,019	32,652
2912 JET FUEL-----	2,017,166	1,700,801		315,094	1,271
2913 KEROSENE-----	1,187,015	1,153,760		32,818	437
2914 DISTILLATE FUEL OIL-----	10,291,728	9,056,394	45,642	1,161,443	28,149
2915 RESIDUAL FUEL OIL-----	17,625,290	16,863,319	277	947,569	14,025
2916 LUBRICATING OILS AND GREASES-----	4,178,823	3,893,372		485,265	186
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,879,874	1,578,778		368,615	2,481
2918 ASPHALT, TAR, AND PITCHES-----	651,840	21,313		368,191	1,336

TABLE 8--PRIVATE CARRIAGE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED  
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PETROLEUM & COAL PRODUCTS (CONTINUED)					
2920 COKE, PETROLEUM COKE-----	31,016	-----	28,559	2,457	-----
2921 LIQUEFIED GASES-----	550,680	190,799	-----	359,749	132
2991 PETROLEUM AND COAL PROD, NEC-----	85,799	84,991	-----	808	-----
STONE, CLAY, GLASS, & CONCRETE PROD.					
3241 BUILDING CEMENT-----	1,388,255	553,524	398,679	433,500	2,552
3271 LIME-----	94,075	-----	-----	94,075	-----
3291 MISC NONMETALLIC MINERAL PROD-----	18,668	-----	-----	18,583	85
PRIMARY METAL PRODUCTS					
3312 SLAG-----	85,119	6,603	77,311	1,205	-----
3314 IRON AND STEEL PRIMARY FORMS-----	479	-----	-----	479	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	146	-----	-----	144	2
3317 IRON AND STEEL PIPE AND TUBE-----	16,332	-----	-----	16,287	45
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	8,580	6,882	-----	1,584	114
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	9,329	4,405	-----	4,891	33
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	21	-----	-----	21	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	27	2	-----	25	-----
3731 SHIPS AND BOATS-----	18	-----	-----	18	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	43	-----	-----	43	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	20,230	4,088	-----	16,142	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	4,285	1,537	-----	1,614	1,134
4029 WASTE AND SCRAP, NEC-----	194,847	13,753	-----	91,131	89,963
SPECIAL ITEMS					
4111 WATER-----	15,526	9	-----	15,492	25
4112 COMMODITIES, NEC-----	20,098	19,736	-----	354	8